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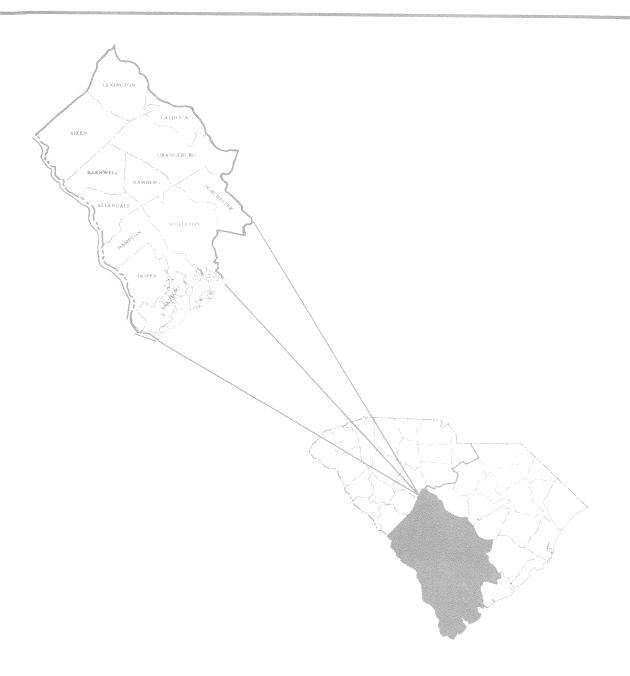


Southeastern Forest Experiment Station

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Forest Statistics for the Southern Coastal Plain of South Carolina, 1987

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Foreword

This report highlights the principal findings of the sixth forest survey in the Southern Coastal Plain of South Carolina. Fieldwork began in June 1986 and was completed in September 1986. Five previous surveys, completed in 1934, 1947, 1958, 1968, and 1978, provide statistics for measuring changes and trends over the past 53 years. The primary emphasis in this report is on the changes and trends since 1978. Previously reported figures have been adjusted to provide the best estimate of change.

Periodic surveys of the forest resource are authorized by the Forest and Rangeland Renewable Resources Research Act of 1978. These surveys are a continuing, nationwide undertaking by the Regional Experiment Stations of the USDA Forest Service. In Florida, Georgia, North Carolina, South Carolina, and Virginia, these surveys are administered by the Forest Inventory and Analysis (Forest Survey) Research Unit at the Southeastern Forest Experiment Station, with headquarters in Asheville, NC. The primary objective of the survey is to periodically inventory and evaluate all forest and related resources. These multiresource data help provide a basis for formulating forest policies and programs and for the orderly development and use

of the resources. This report deals only with the extent and condition of forest land, associated timber volumes, and rates of timber growth and removals.

The 12-county area covered by this report is one of three survey units in South Carolina. Comparable reports, USDA Forest Service Resource Bulletins SE-89 and SE-91, have been issued for the Piedmont and Northern Coastal Plain of South Carolina. Another report containing many of the State totals is being released with this report. An indepth, analytical State report on the timber resource should be available in late 1987.

The Southeastern Station gratefully acknowledges the cooperation and assistance provided by the South Carolina Forestry Commission in collecting field data. Appreciation is also expressed for the excellent cooperation of other public agencies, forest industry, and other private landowners in providing information and access to the sample locations.

JOE P. McCLURE
Project Leader

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^{*}Tables 1-12, 27, 29-33, 35-38, 41, 42, and 44 are common to all Forest Inventory and Analysis forest resource statistical reports of the Eastern United States.

Since 1978 in the Southern Coastal Plain of South Carolina--

- area of timberland has declined by 61,000 acres. About 154,000 acres of timberland were diverted to other land uses. More than 53 percent of the diversions were for urban development. Most of the remaining diverted area went to agricultural uses. Some 86,000 acres of nonforest land reverted to timberland, partially offsetting the timberland losses to other uses. Timberland in this 12-county region totals 3.2 million acres, 61 percent of the total land area.
- · area of timberland in nonindustrial private forest (NIPF) ownership declined by 6 percent to 2.3 million acres. Within the NIPF grouping, large shifts occurred among owner categories. Area of farmer-owned timberland dropped by 32 percent to about 850,000 acres, while area of timberland in the other individual category increased by 32 percent to 1.1 million acres. Other corporate timberland acreage changed little, remaining at just over 0.3 million acres. Area of timberland controlled by forest industry has increased by 66,000 acres, or by 12 percent. Nearly 20 percent of all timberland is now controlled by forest industry.
- · area of timberland supporting softwood types increased slightly. Within the softwood type grouping, area of pine plantations increased in all owner groups; overall by 155,000 acres, or by 30 percent. The largest change was on forest industry land, where area of planted stands increased by 45 percent to 315,000 acres. Plantations account for one-half of all forest industry timberland. When all owners are grouped, pine plantations now make up 21 percent of all timberland, compared with 16 percent in 1978. Area of natural pine is down by 13 percent to 735,000 acres. Declines in area of natural pine occurred in all owner classes. For natural and planted stands combined, loblolly pine forest type increased by 36 percent, while area of all other softwood types declined. Area of hardwood types declined by 6 percent. Area

- of hardwood type remained fairly constant on forest industry and public lands but declined on NIPF land.
- more than 73,000 acres have been harvested annually and retained in timberland. Of the area harvested, about 68 percent was in NIPF ownership and 27 percent was controlled by forest industry. About 57 percent of the annual harvest was from pine types; 18 percent of the harvested area was planted pine stands. Combining all types, an additional 34,000 acres of timberland experienced partial cutting or some intermediate silvicultural treatment each year.
- an average of 78,000 acres have been regenerated annually to adequate stocking levels, about 6 pecent more than the area harvested. Total area regenerated exceeds harvest on all ownerships. Across all owners, planted stands account for about 45 percent of the acres regenerated. The rate of pine plantation establishment has more than doubled on both public and forest industry lands. On NIPF land, planting has increased fourfold and now totals almost 16,000 acres annually. In 1978, planting on NIPF lands accounted for 23 percent of the total acreage established in plantations; as of this survey, 42 percent of annual artificial regeneration occurred on NIPF land. Currently, about 8 of 10 acres regenerated on forest industry land and 3 of 10 acres regenerated on NIPF land are planted.
- average basal area of live trees 5.0 inches d.b.h. and larger remained about the same at 69 square feet per acre of timberland. Although area of poorly stocked stands declined by 26 percent, about one-fifth of all timberland is still poorly stocked. For all broad types combined, average net volume per acre of live timber has increased by just 1 percent to 1,605 cubic feet.
- number of hardwood trees declined in all diameter classes from the 2-inch through the 10-inch class. Declines were most severe in the sapling size classes, especially on NIPF land.

Since hardwoods were not remeasured in the interim survey, the large decrease in hardwood growth and increases in removals and mortality were not identified until now. Causes of the decline in growth deserve further study. Increased mortality, less ingrowth, slower survivor growth, and a reduction in the timberland base and numbers of trees are all contributing factors.

Since the last survey, unit boundaries changed slightly due to a transfer of land between counties. Changes in the timberland resource which occurred as a result of this exchange are reflected in the statistics reported here.

How the Inventory is Made

The method of the inventory is a sampling procedure designed to provide reliable statistics primarily at the State and Survey Unit levels. Individual county statistics are presented so that any combination of counties may be added together until a total is large enough to meet the desired degree of reliability. Procedures were as follows:

- 1. Initial estimates of forest and nonforest areas were based on the classification of 15,353 sample clusters systematically spaced on the latest aerial photographs available. A subsample of 1,894 of the 16-point clusters was ground checked, and a linear regression was fitted to the data to develop the relationship between the photo and ground classification of the subsample. This procedure provides a means for adjusting the initial estimates of area for change in land use since date of photography and for photo misclassifications.
- 2. Estimates of timber volume and forest classifications were based on measurements recorded at 1,154 ground sample locations systematically distributed on timberland. The plot design at each location was based on a cluster of 10 points. In most cases, variable plots, established by using a basal-area factor of 37.5 square feet per acre, were systematically spaced within a single forest condition at 5 of the 10 cluster points.

Trees less than 5 inches d.b.h. were tallied on a fixed-radius plot around each point center.

- 3. Equations prepared from detailed measurements collected on standing trees in this Unit, and similar measurements taken throughout the Southeast, were used to compute the volume of individual tally trees. A mirror caliper and sectional aluminum poles were used to obtain the additional measurements on these standing trees required to construct volume equations.
- 4. Felled trees were measured at 34 active cutting operations. These data will supplement the standing-tree volume data and be used to generate utilization factors for product and species groups. Forest biomass estimates were made from equations developed by the Utilization of Southern Timber Research Work Unit of the Southeastern Forest Experiment Station in Athens, GA.
- 5. Estimates of growth, removals, and mortality were determined from the remeasurement of 1,107 permanent sample plots established in the fourth survey.
- 6. Ownership information was collected from correspondence, public records, and local contacts. In those counties where the sample missed a particular ownership class, temporary sample plots were added.
- 7. All field data were sent to Asheville for editing and were entered into disk and magnetic-tape storage for processing. Final estimates were based on statistical summaries of the data.

Reliability of the Data

Statistical analysis of these data indicates the following sampling errors in terms of one standard error (two times out of three):

					P	ercent
Per million acres of						
timberland	0 0	0		0	۰	1.11
Per billion cubic feet	of					
growing stock			6		0	6.31
Per billion cubic feet	of					
net annual growth	0 0	0		0		1.27
Per billion cubic feet	of					
annual removals						2.93

Sampling errors for county and unit totals, a in terms of one standard error, Southern Coastal Plain of South Carolina, 1987

Connetta	Timberland	Cubic-foot volume of growing stock				
County	area	Inventory	Growth	Removals		
COMMITTED THE CONTRACT CONTRAC	with the Market Market Market as control on the graphics and and control operation of the control operation of Financial Related equation of the control operation operation of the control operation operatio	Samplin	g error b	акрепиональный контрольной дитериональный дентиций и от от ответствення выпользований дентиций и от от от ответствення дентиций и от		
Aiken	1.30	8.89	7.31	21.38		
Allendale	2.50	14.65	14.83	28.97		
Bamberg	2.45	15.42	17.36	20.83		
Barnwell	2.87	12.21	11.78	25.77		
Beaufort	3.68	11.89	11.77	32.76		
Calhoun	2.80	13.73	12.95	36.12		
Colleton	1.59	6.18	6.53	17.48		
Dorchester	1.90	8.42	9.95	23.05		
Hampton	1.86	10.64	10.74	22.54		
Jasper	2.51	9.95	9.63	27.95		
Lexington	2.20	11.11	12.40	24.88		
Orangeburg	1.77	7.69	8.10	23.11		
Total	.61	2.92	2.93	7.16		

^aSampling error of breakdowns of county and unit totals may be computed with the following formula:

$$E = \frac{(SE) \sqrt{(Specified volume or area)}}{\sqrt{(Volume or area total in question)}}$$

Where: E = Sampling error of the volume or area total in question

SE = Specified sampling error in table.

 $^{^{\}mathrm{b}}\mathrm{By}$ random-sampling formula (in percent).

Definitions of Terms

Allowable cut. The volume of timber that could be cut on timberland during a given period under specified management plans aimed at sustained production of timber products.

Basal area. The area in square feet of the cross section at breast height of a single tree or of all the trees in a stand, usually expressed as square feet of basal area per acre.

Biomass. The aboveground green weight of solid wood and bark in live trees 1.0 inch d.b.h. and larger from the ground to the tip of the tree. All foliage is excluded. The weight of wood and bark in lateral limbs, secondary limbs, and twigs under 0.5 inch in diameter at the point of occurrence on sapling-size trees is included but is excluded on poletimber and sawtimber-size trees.

Bole. That portion of a tree between a l-foot stump and a 4-inch top diameter outside bark (d.o.b.) in trees 5.0 inches d.b.h. and larger.

Broad management class. A classification of timberland based on forest type and stand origin.

Pine plantation. Stands that have been artificially regenerated by planting or direct seeding and with a southern yellow pine, white pine-hemlock, or other softwood forest type.

Natural pine. Stands that have not been artificially regenerated and with a southern yellow pine, white pine-hemlock, or other softwood forest type.

Oak-pine. Stands with a forest type of oak-pine.

Upland hardwood. Stands with a forest type of oak-hickory, chestnut oak, southern scrub oak, or maple-beechbirch.

Lowland hardwood. Stands with a forest type of oak-gum-cypress, elm-ashcottonwood, palm, or other tropical. Bureau of Land Management lands. Federal lands administered by the Bureau of Land Management.

Census water. Streams, sloughs, estuaries, canals, and other moving bodies of water one-eighth of a statute mile in width and greater, and lakes, reservoirs, ponds, and other permanent bodies of water 40 acres in area and greater.

Commercial forest land. (see: Timber-land).

Commercial species. Tree species conventionally regarded as being able to develop into trees suitable for the manufacture of industrial timber products. Species that typically exhibit small size, poor form, or inferior quality are excluded.

Cropland. Land under cultivation within the past 24 months, including orchards and land in soil-improving crops but excluding land cultivated in developing improved pasture. Also includes idle farmland.

D.b.h. Tree diameter (outside bark) at breast height (4.5 feet above the ground).

Diameter class. A classification of trees based on tree d.b.h. Two-inch diameter classes are commonly used by Forest Inventory and Analysis, with the even inch as the approximate midpoint for a class. For example, the 6-inch class includes trees 5.0 through 6.9 inches d.b.h.

Farm. Land on which agricultural operations are being conducted and sale of agricultural products totaled \$1,000 or more during the year.

Farm operator. A person who operates a farm, either doing the work himself or directly supervising the work.

Farmer-owned land (see: Other private land).

Forest industry land. Land owned by companies or individuals operating wood-using plants.

Forest industry leased land. Land leased or under management contracts to forest industry from other owners for periods of one forest rotation or longer. Land under cutting contracts is not included.

Forest land. Land at least 16.7 percent stocked by forest trees of any size, or formerly having had such tree cover, and not currently developed for nonforest use.

Forest type. A classification of forest land based on the species forming a plurality of live-tree stocking.

White pine-hemlock. Forests in which eastern white pine, red pine, or jack pine, singly or in combination, constitute a plurality of the stocking. (Common associates include hemlock, birch, and maple.)

Spruce-fir. Forests in which spruce or true firs, singly or in combination, constitute a plurality of the stocking. (Common associates include maple, birch, and hemlock.)

Longleaf-slash pine. Forests in which longleaf or slash pine, singly or in combination, constitute a plurality of the stocking. (Common associates include oak, hickory, and gum.)

Loblolly-shortleaf pine. Forests in which loblolly pine, shortleaf pine, or other southern yellow pines, except longleaf or slash pine, singly or in combination, constitute a plurality of the stocking. (Common associates include oak, hickory, and gum.)

Oak-pine. Forests in which hardwoods (usually upland oaks) constitute a plurality of the stocking but in which pines account for 25 to 50 percent of the stocking. (Common associates include gum, hickory, and yellow-poplar.)

Oak-hickory. Forests in which upland oaks or hickory, singly or in combination, constitute a plurality of the stocking, except where pines account for 25 to 50 percent, in which case the stand would be classified oak-pine. (Common associates include yellow-poplar, elm, maple, and black walnut.)

Oak-gum-cypress. Bottom-land forests in which tupelo, blackgum, sweetgum, oaks, or southern cypress, singly or in combination, constitute a plurality of the stocking, except where pines account for 25 to 50 percent, in which case the stand would be classified oak-pine. (Common associates include cottonwood, willow, ash, elm, hack-berry, and maple.)

Elm-ash-cottonwood. Forests in which elm, ash, or cottonwood, singly or in combination, constitute a plurality of the stocking. (Common associates include willow, sycamore, beech, and maple.)

Maple-beech-birch. Forests in which maple, beech, or yellow birch, singly or in combination, constitute a plurality of the stocking. (Common associates include hemlock, elm, basswood, and white pine.)

Palm, other tropical. Forests in which palms and other tropicals constitute a plurality of the stocking.

Gross growth. Annual increase in merchantable volume of trees in the absence of cutting and mortality. (Gross growth includes survivor growth, ingrowth, growth on ingrowth, growth on removals prior to removal, and growth on mortality prior to death.)

Growing-stock trees. Live sawtimber-size trees of commercial species containing at least a 12-foot log, or two noncontiguous saw logs each 8 feet or longer, meeting minimum grade requirements (hardwoods must qualify as a log grade of either 3 or 4; softwoods must qualify as a log grade 3) with at least one—third of the gross board-foot volume (International 1/4-inch rule) between a 1-foot stump and the minimum saw-log top being sound, or a live tree below sawtimber size that will prospectively qualify under the above standards.

Desirable tree. A tree that qualifies as growing stock and has no serious defects in quality limiting present or prospective use; is of relatively high vigor (30 percent or more live crown ratio); is compatible with the site and

physiographic class; has a total boardfoot loss not to exceed 15 percent in softwoods or 25 percent in hardwoods as a result of severe sweep, crook, or lean; and has a relatively clear bole.

Acceptable tree. A tree that qualifies as growing stock but does not meet the minimum requirements to qualify as a desirable tree. Included are sawtimber-size trees that do not contain a 12-foot saw log because of excessive, natural taper in the butt log but have the potential to produce a 12-foot saw log as diameter increases.

Growing-stock volume. Volume (cubic feet) of solid wood in growing-stock trees 5.0 inches d.b.h. and larger, from a 1-foot stump to a minimum 4.0-inch top diameter, outside bark, on the central stem. Volume of solid wood in primary forks from the point of occurrence to a minimum 4.0-inch top diameter outside bark is included.

Hardwoods. Angiosperms; dicotyledonous trees (including all palm species which are monocotyledonous), usually broadleaf and deciduous.

Soft hardwoods. Soft-textured hard-woods such as boxelder, red and silver maples, hackberry, loblolly-bay, sweetgum, yellow-poplar, magnolia, sweetbay, water tupelo, blackgum, sycamore, cottonwood, black cherry, willow, basswood, and elm.

Hard hardwoods. Hard-textured hard-woods such as sugar maple, birch, hickory, dogwood, persimmon (forest grown), black locust, beech, ash, honeylocust, holly, black walnut, mulberry, and all commercial oaks.

Idle farmland. Land including former cropland, orchard, improved pasture, and farm sites not tended within the past 2 years, and currently less than 16.7 percent stocked with live trees.

Improved pasture. Land currently improved for grazing by cultivation, seeding, irrigation, or clearing of trees or brush.

Indian land. All lands held in trust by the United States for individual Indians or tribes, or all lands, titles to which are held by individual Indians or tribes, subject to Federal restrictions against alienation.

Industrial wood. All roundwood products except fuelwood.

Ingrowth. The number or net volume of trees that grow large enough during a specified year to qualify as saplings, poletimber, or sawtimber.

Inhibiting vegetation. Cover sufficiently dense to prevent the establishment of tree seedlings.

Land area. The area of dry land and land temporarily or partly covered by water such as marshes, swamps, and river flood plains (omitting tidal flats below mean high tide), streams, sloughs, estuaries, and canals less than one-eighth of a statute mile in width, and lakes, reservoirs, and ponds less than 40 acres in area.

Live trees. All trees 1.0 inch d.b.h. and larger which are not dead at the time of inventory.

Live-tree volume. Volume (cubic feet) of wood above the ground line in live trees 1.0 inch d.b.h. and larger. The volume in twigs and lateral limbs smaller than 0.5 inch in diameter at the point of occurrence on sapling-size trees is included but is excluded on poletimber and sawtimber-size trees.

Log grade. A classification of logs based on external characteristics as indicators of quality or value.

Logging residues. The unused merchantable portion of growing-stock trees cut or destroyed during logging operations.

Logging slash. The unmerchantable portion of growing-stock trees (including saplings) plus all cull trees 1.0 inch d.b.h. and larger cut or destroyed during logging operations and not used.

Manageable stand. Timberland at least 60 percent stocked with growing-stock trees that can be featured together under a management scheme.

Merchantable portion. That portion of live trees 5.0 inches d.b.h. and larger between a 1-foot stump and a minimum 4.0-inch top diameter outside bark on the central stem. That portion of primary forks from the point of occurrence to a minimum 4.0-inch top diameter outside bark is included.

Merchantable volume. Solid-wood volume in merchantable portion of live trees.

Miscellaneous Federal land. Federal land other than national forests, land administered by the Bureau of Land Management, and land administered by the Bureau of Indian Affairs.

Miscellaneous private land. (see: Other private land).

Mortality. The merchantable volume in trees that have died from natural causes during a specified period.

National Forest land. Federal land that has been legally designated as national forests or purchase units, and other land under the administration of the Forest Service, including experimental areas and Bankhead-Jones Title III land.

Net annual growth. The net change in merchantable volume for a specific year in the absence of cutting (gross growth minus mortality for that specified year.)

Net volume. Gross volume of wood less deductions for rot, sweep, or other defect affecting use for timber products.

Noncommercial species. Tree species of typically small size, poor form, or inferior quality which normally do not development into trees suitable for industrial wood products.

Nonforest land. Land that has never supported forests and land formerly forested where timber production is precluded by development for other uses. Nonindustrial private forest (NIPF) land. (see: Other private land).

Nonstocked forest land. Timberland less than 16.7 percent stocked with growingstock trees.

Other private land. Privately owned land excluding forest industry land or forest industry leased land. Also referred to as nonindustrial private forest (NIPF) land.

Farmer-owned land. Owned by farm operators, excluding incorporated farm ownerships.

Other individual land. Owned by individuals other than farm operators.

Other corporate land. Owned by corporations, including incorporated farm ownerships.

Other removals. The growing-stock volume of trees removed from the inventory by cultural operations such as timber stand improvement, land clearing, and other changes in land use that result in the removal of the trees from the timberland.

Plant residues. Wood material generated in the production of timber products at primary manufacturing plants.

Coarse residues. Material, such as slabs, edgings, trim, veneer cores and ends, which is suitable for chipping.

Fine residues. Material, such as saw-dust, shavings, and veneer chippings, which is not suitable for chipping.

Plant byproducts. Residues (coarse or fine) utilized in the further manufacture of industrial products or for consumer use, or utilized as fuel.

Unused plant residues. Residues (coarse or fine) that are not used for any product, including fuel.

Poletimber-size trees. Live trees at least 5.0 inches d.b.h. but smaller than sawtimber size.

Productive-reserved forest land. (see: Reserved timberland).

Quality class. A classification of sawtimber volume by log or tree grades.

Rangeland. Land on which the natural vegetation is predominantly native grasses, grasslike plants, forbs, or shrubs valuable for forage, not qualifying as timberland and not developed for another land use. Rangeland includes natural grassland and savannah.

Reserved timberland. Forest land sufficiently productive to qualify as timberland, but withdrawn from timber utilization through statute or adminstrative designation.

Rotten trees. Live trees of commercial species that do not contain at least one 12-foot saw log, or two noncontiguous saw logs, each 8 feet or longer, now or prospectively, primarily because of rot or missing sections, and with less than one-third of the gross board-foot tree volume in sound material.

Rough trees. Live trees of commercial species that do not contain at least one 12-foot saw log, or two noncontiguous saw logs, each 8 feet or longer, now or prospectively, primarily because of roughness, poor form, splits, and cracks, and with less than one-third of the gross board-foot tree volume in sound material; and live trees of noncommercial species.

Roundwood (roundwood logs). Logs, bolts, or other round sections cut from trees for industrial or consumer uses.

Roundwood chipped. Any timber cut primarily for pulpwood, delivered to non-pulpmills, chipped, and then sold to pulpmills as residues, including chipped tops, jump sections, whole trees, and pulpwood sticks.

Roundwood products. Any primary product such as lumber, poles, pilings, pulp, or fuelwood which is produced from roundwood.

Salvable dead trees. Standing or down dead trees considered utilizable by Forest Inventory and Analysis standards.

Saplings. Live trees 1.0 to 5.0 inches d.b.h.

Saw log. A log meeting minimum standards of diameter, length, and defect, including logs at least 8 feet long, sound and straight, and with a minimum diameter inside bark for softwoods of 6 inches (8 inches for hardwoods).

Saw-log portion. That part of the bole of sawtimber trees between a 1-foot stump and the saw-log top, including the portion of forks large enough to contain a saw log.

Saw-log top. The point on the bole of sawtimber trees above which a conventional saw log cannot be produced. The minimum saw-log top is 7.0 inches in diameter outside bark (d.o.b.) for softwoods and 9.0 inches (d.o.b.) for hardwoods.

Sawtimber-size trees. Softwoods 9.0 inches d.b.h. and larger and hardwoods 11.0 inches d.b.h. and larger.

Sawtimber volume. Growing-stock volume in the saw-log portion of sawtimber-size trees in board feet (International 1/4-inch rule).

Seedlings. Live trees of commercial species less than 1.0 inch d.b.h. that are expected to survive and develop.

Site class. A classification of forest land in terms of inherent capacity to grow crops of industrial wood based on fully stocked natural stands, by annual production capacity.

Class 1. 165 or more cubic feet per acre.

Class 2. 120 to 164 cubic feet per acre.

Class 3. 85 to 119 cubic feet per acre.

Class 4. 50 to 84 cubic feet per acre.

Class 5. 20 to 49 cubic feet per acre.

Softwoods. Gymnosperms; in the order Coniferales, usually evergreen (includes

the genus <u>Taxodium</u> which is deciduous), having needles or scalelike leaves.

<u>Pines</u>. Yellow pine species which include loblolly, longleaf, slash, pond, shortleaf, pitch, Virginia, sand, spruce, and Table Mountain pines.

Other softwoods. Cypress, eastern redcedar, white cedar, eastern white pine, eastern hemlock, spruce, and fir.

Stand-size class. A classification of forest land based on the diameter class distribution of growing-stock trees in the stand.

Sawtimber stands. Stands at least 16.7 percent stocked with growing-stock trees, with half or more of total stocking in sawtimber and poletimber trees, and with sawtimber stocking at least equal to poletimber stocking.

Poletimber stands. Stands at least 16.7 percent stocked with growing-stock trees of which half or more of total stocking is in poletimber and sawtimber trees, and with poletimber stocking exceeding that of sawtimber.

Sapling-seedling stands. Stands at least 16.7 percent stocked with growing-stock trees of which more than half of total stocking is saplings and seedlings.

State, county, and municipal land. Land owned by States, counties, and local public agencies or municipalities, or land leased to these governmental units for 50 years or more.

Stocking. The degree of occupancy of land by trees, measured by basal area or the number of trees in a stand and spacing in the stand, compared with a minimum standard, depending on tree size, required to fully utilize the growth potential of the land.

Fully stocked. 100 percent or more stocking.

Medium stocked. 60 to 99 percent stocking.

<u>Poorly stocked</u>. Less than 60 percent stocking.

Survivor growth. The merchantable volume increment on trees 5.0 inches d.b.h. and larger in the inventory at the beginning of the year and surviving to its end.

Timberland. Land at least 16.7 percent stocked by forest trees of any size, or formerly having had such tree cover, not currently developed for nonforest use, capable of producing 20 cubic feet of industrial wood per acre per year and not withdrawn from timber utilization by legislative action.

Timber products. Roundwood products and byproducts.

Timber removals. The merchantable volume of trees removed from the inventory by harvesting, cultural operations such as stand improvement, land clearing, or changes in land use.

Top. The portion of the main stem and forks from a 4.0-inch diameter outside bark to the tips of the main stem and forks, plus all other limbs above the 4.0-inch top at least 0.5 inch in diameter at their point of occurrence.

Treatment opportunity. A classification of the management or treatment that would most improve for timber production the existing condition of the stand being sampled.

Tree grade. A classification of sawtimber trees based on the log grade of the butt log in the tree.

Unproductive forest land. (see: Woodland).

Upper-stem portion. That part of the main stem or fork of sawtimber trees above the saw-log top to minimum top diameter 4.0 inches outside bark or to the point where the main stem or fork breaks into limbs.

Urban and other areas. Areas developed for residential, industrial, or recreational purposes, school yards, cemeteries, roads, railroads, airports, beaches, powerlines and other rights-of-way, or other nonforest land not included in any other specified land use class.

Woodland. Forest land incapable of producing 20 cubic feet per acre per year of industrial wood under natural conditions, because of adverse site conditions.

Stocking Standard

D.b.h.	Minimum number of trees per acre for full stocking	Minimum basal area per acre for full stocking
Seedlings	600	word 6540
2	560	apples FIRSED
4	460	oraça -existo
6	340	67
8	240	84
10	155	85
12	115	90
14	90	96
16	72	101
18	60	106
20	51	111

Conversion factors

Cubic feet of wood per average cord (excluding bark)

D.b.h.	All species	Pine	Other softwood	Hardwood
6	60.5	61.0	68.2	60.0
8	68.5	68.1	76.0	68.4
10	73.5	73.1	81.4	73.4
12	76.8	76.7	85.2	76.4
14	79.3	79.4	88.2	78.4
16	81.0	81.6	90.4	79.8
18	82.2	83.3	92.3	80.8
20	83.4	84.8	93.8	81.5
22	84.0	86.0	95.1	82.1
24+	85.3	87.7	98.0	83.1
Average	75.6	75.3	87.6	75.0

Metric equivalents of units used in this report

 $^{1 \}text{ acre} = 4,046.86 \text{ square meters or } 0.404686 \text{ hectare}$

¹ cubic foot = 0.028317 cubic meter

¹ inch = 2.54 centimeters or 0.0254 meter

Breast height = 1.4 meters above ground level

¹ square foot = 929.03 square centimeters or 0.0929 square meter

¹ square foot per acre basal area = 0.229568 square meter per hectare

¹ pound = 0.454 kilogram

 $^{1 \}text{ ton} = 0.907 \text{ metric ton}$

County Tables

The county tables are intended for use in compiling forest resource estimates for groups of counties. Because the sampling procedure used by the Forest Survey was intended primarily to furnish inventory data for the survey unit as a whole, individual county estimates have limited and variable accuracy. As county totals are broken down by various subdivisions, the possibility of error increases and is greatest for the smallest items. The order of this increase can be computed with the formula on page 4.

Table 1 .-- Area, by county and land class, Southern Coastal Plain of South Carolina, 1987

	A11		For	est land		Nonforest
County	land ^a	Total	Timberland	Woodland	Reserved timberland	land
	THE SAID WIND AND		which white drive	Acres	ericki-innotati dishimorpiotas satriennam invicentus (secundos sangino capazas sas sas sas sa entiti dishigi ataqis sagati sagati samati samati saqis a	eteropera de discussiva de de servicio de la consecución de la consecución de la consecución de la consecución Servición especial de la consecución d
Aiken	698,758	469,213	469,173	450qs atimas	40	229,545
Allendale	264,474	158,635	158,635	cases vivine	4405 4400	105,839
Bamberg	253,043	143,463	143,463	GACINE VICTOR	map map	109,580
Barnwell	356,883	230,084	230,074	****	10	126,799
Beaufort	370,304	140,891	140,291	60m 4669	600	229,413
Calhoun	243,437	133,304	133,304	erge INDIa	data 4000	110,133
Colleton	673,024	455,704	455,704	1040 4400	ena mos	217,320
Dorchester	368,077	267,917	267,917	-	GOOD PHICE	100,160
Hampton	359,162	258,770	258,770	eap my	water stands	100,392
Jasper	419,130	301,739	290,726	sign may	11,013	117,391
Lexington	452,480	246,892	246,892	emp vote	, mg +00	205,588
Orangeburg	711,334	367,766	367,741		25	343,568
Total	5,170,106	3,174,378	3,162,690	COM MAIN	11,688	1,995,728

^aFrom U.S. Bureau of the Census, 1980.

Includes 77,217 acres of water according to Forest Survey standards of area classification, but defined by the Bureau of Census as land.

Table 2. --- Area of timberland, by county and ownership class, Southern Coastal Plain of South Carolina, 1987

	L V				Ownersh	Ownership class			
County	ownerships	National	Miscellaneous	40	County and	Forest	entre destinations de representation des	Other private	te
	ой обчинателя под настигнателя на применения на применени	Forest	Federal	סרפרת	municipal	industry	Farmer	Corporate	Individual
	100 000 000 000 000				Acres	COM COM CAM CAM COM COM COM	at deal date date trans one too		
Aiken	469,173	6,021	62,696	2,108	1,084	64.146	111,039	55.520	166.559
Allendale	158,635	-	4,075	11	425	30,682	42,023	26,264	55,155
Bamberg	143,463	1	000 mm	360	465	22,999	36,170	8,347	75,122
Barnwel1	230,074	WIND DATE	109,260	910	487	31,480	35,650	9,507	42,780
Beaufort	140,291	am ess	4,042	2,795	461	33,455	8,472	19,060	72,006
Calhoun	133,354		!	1,652	53	8,382	43,811	2,738	76,668
Colleton	455,704	lates save		2,180	1,674	133,891	117,565	18,703	181,691
Dorchester	267,917	Man out	1	1,678	340	88,528	99,771	33,257	44,343
Hampton	258,770	mpio vena	***	5,429	65	41,189	122,788	33,487	55,812
Jasper	290,726	ton eus	days have	2,270	129	115,211	41,787	71,634	59,695
Lexington	246,892	- COLUMN 1871	2 2	441	450	7,089	69,083	25,906	143,923
Orangeburg	367,741	Martin Calab	2,061	5,070	665	44,379	119,798	29,219	166,549
Total	3,162,690	6,021	182,134	24,904	6,298	621,431	847,957	333,642	1,140,303
,						AND THE PROPERTY OF THE PROPER		rene repries de la companya del la companya de la c	

^aIncludes 8,729 acres of other private land under long-term lease.

Table 3.--Area of timberland, by county and forest-type group, Southern Coastal Plain of South Carolina, 1987

Ċ	All type	вения получанняй да дадатимим в верхня получай мадатимим получана в мерений в			Fore	Forest-type group	ďn			
County	groups	White pine- hemlock	Spruce- fir	Longleaf- slash	Loblolly- shortleaf	Oak- pine	Oak- hickory	Oak-gum- cypress	Elm-ash- cottonwood	Maple-beech- birch
		And the the test test test to the			Acres		40 40 to 40 to			
Aiken	469,173	mada com	i	114,587	125,815	72.999	567 66	078 87	000	
Allendale	158,635	80 98		10,505	68,173	23.462	7 881	30,040	10,00	900 MM
Bamberg	143,463	600 600	1	10,438	39,348	10,439	19,475	60,103	787	Anna anna
Barnwell	230,074	may year	***************************************	34,333	93,816	12,782	49,767	39,376	20167	!!!
Beaufort	140,291		į	18,509	45,610	12,707	8.472	57,003		
Calhoun	133,304	most earp	i	24,614	50,309	10,953	30,173	17, 517	730	
Colleton	455,704	1	size mag	35,743	183,209	51 530	35 075	170 071	6,130	
Dorchester	267,917	Mary Colu	*	26,618	75,132	40,324	31,383	149,245	00 W	3
Hampton	258,770	W4 440		31,349	72,830	15,460	27,069	112.062	250 000	!!!
Jasper	290,726	Note them	0.00 0.00	52,701	92,258	24,645	6,098	115,024	!	
Lexington	246,892	Mana dans	note were	40,745	47,383	46,057	92,558	14,391	5.758	1
Urangeburg	367,741	valuas memanahan pepangan disemberah menganjak disemberah disember	tua cus	7,403	101,196	40,520	43,442	172,258	2,922	!
Total	3,162,690	elene ettempestiske till inner menorete til sedembestiske sitemplange. Amer tens	Wilder of the Annual Conference of the Annual	407,545	995,079	361,880	451,718	913,756	32,712	
					THE RESERVE OF THE PROPERTY OF	The state of the s	THE PROPERTY OF THE PROPERTY O	Complete Control of the September Control of the Co		

Table 4.--Area of timberland, by county and stand-size class, Southern Coastal Plain of South Carolina, 1987

	A 7 7	Sta	ınd-size clas	ss	77
County	All stands	Sawtimber	Poletimber	Sapling- seedling	Nonstocked areas
BOOM part of the state of the s		anadakan kengalah dengah penjagi interprepansi penjadi dinterin indaligi gapagapun interprepansi kepansi kenan Balan kepansi dan penjadi	- Acres -		
Aiken	469,173	154,727	141,584	144,045	28,817
Allendale	158,635	74,361	18,208	63,439	2,627
Bamberg	143,463	46,276	34,096	57,527	5,564
Barnwell	230,074	106,665	35,856	87,553	note com-
Beaufort	140,291	90,908	26,640	20,625	2,118
Calhoun	133,304	55,588	44,804	30,121	2,791
Colleton	455,704	231,394	100,442	114,134	9,734
Dorchester	267,917	169,718	29,265	66,475	2,459
Hampton	258,770	138,107	36,651	78,710	5,302
Jasper	290,726	141,174	44,847	101,209	3,496
Lexington	246,892	100,746	52,254	50,267	43,625
Orangeburg	367,741	168,583	100,483	90,176	8,499
Total	3,162,690	1,478,247	665,130	904,281	115,032

Table 5.--Area of timberland, by county and site class, Southern Coastal Plain of South Carolina, 1987

	A11	Si	te class (c	ubic feet	per acre pe	r year)
County	classes	>164	120-164	85-119	50-84	20-49
ikki katari 1964-1964 - Marie Marie Alipertonia periodo esta son esta forma esta forma de la media esta esta e Transporta esta esta esta esta esta esta esta es	era yan magali mada didikimining dikimining yan mangang ano yan mindagan unu antariwining unuman manaka upun unuman yan u		a row even new elso AC	res «» «»	ethinki kiriki kuruguyan, nyaguru nimbanasa dikin endi tamalah kiriki kiriki kiriki kiriki kiriki kiriki kirik Emmit sugaru nyaguru nyaguru nimbanasa dikin endi tamalah kiriki kiriki kiriki kiriki kiriki kiriki kiriki kir Emmit sugaru nyaguru nyaguru nimbanasa dikin endi kiriki kiriki kiriki kiriki kiriki kiriki kiriki kiriki kiri	entercipio estalingue resistativa del color que programa del color
Aiken	469,173	winette stassey	5,048	56,613	245,023	162,489
Allendale	158,635	MODING STREET	4,674	47,449	103,885	2,627
Bamberg	143,463	specy audio	360	33,404	101,352	8,347
Barnwell	230,074	main 1986	10,181	66,214	131,164	22,515
Beaufort	140,291	BOOK 40700	11,818	50,081	63,780	14,612
Calhoun	133,304	guer man	826	44,832	62,949	24,697
Colleton	455,704	5,343	35,500	164,362	232,273	18,226
Dorchester	267,917	engo mini	15,693	132,356	97,699	22,169
Hampton	258,770	coms 4946	10,603	105,185	127,524	15,458
Jasper	290,726	matte works	18,291	81,446	181,652	9,337
Lexington	246,892	ange milit	2,878	31,664	105,392	106,958
Orangeburg	367,741		5,844	94,969	246,474	20,454
Total	3,162,690	5,343	121,716	908,575	1,699,167	427,889

Table 6.--Area of timberland, by county and stocking class of growing-stock trees, Southern Coastal Plain of South Carolina, 1987

	A11		Stockin	g class (pe	rcent) ^a	
County	classes	>130	100-130	60-99	16.7-59	<16.7
	ecisto dilita quillo este contro	ECES OUTO MORE ASSOCIATION	Acr	,68 was am was one .	acco escab cición totale escab	elette engle appr
Aiken	469,173	4,530	93,515	221,099	121,212	28,817
Allendale	158,635	5,253	46,032	80,144	24,579	2,627
Bamberg	143,463	7,656	42,459	71,091	16,693	5,564
Barnwell	230,074	10,182	59,568	114,512	45,812	****
Beaufort	140,291	5,463	50,613	48,423	33,674	2,118
Calhoun	133,304	9,040	45,659	56,645	19,169	2,791
Colleton	455,704	53,520	203,833	141,953	46,664	9,734
Dorchester	267,917	19,829	105,888	126,510	13,231	2,459
Hampton	258,770	21,209	81,333	122,201	28,725	5,302
Jasper	290,726	18,341	146,023	97,458	25,408	3,496
Lexington	246,892	5,757	32,993	80,597	83,920	43,625
Orangeburg	367,741	19,059	142,949	138,796	58,438	8,499
Total	3,162,690	179,839	1,050,865	1,299,429	517,525	115,032

^aSee stocking standards on page 11.

Table 7.--Volume of growing stock and sawtimber on timberland, by county and species group, Southern Coastal Plain of South Carolina, 1987

			Growing st	stock	The supposed to the supposed t		sa Principalis de cida Per e de constante de cida Constante de Constan	Sawtimber	The state of the s	endanda aditio indica delle edica delle aditionale edica delle edica delle edica delle edica delle edica delle
County	All	Pine	Other softwood	Soft hardwood	Hard	A11	Pine	Other softwood	Soft	Hard
	The days can days days days The days can days days The days days	Thou	Thousand cubic feet	feeta	Made the day like the Control of the		Thou	Thousand board	feet	Become various and a second control of the s
Aiken	436,278	260,473	3,951	104,419	67,435	1,466,409	926,861	18,828	359,950	160,770
Allendale	216,866	101,562	9,106	56,748	49,450	847,022	411,323	47,919	198,987	188,793
Bamberg	152,380	53,964	20,961	48,130	29,325	491,475	199,710	85,693	127,175	78,897
Barnwell	287,576	142,304	14,780	88,542	41,950	996,311	578,823	52,507	238,493	126,488
Beaufort	234,654	111,539	1,909	74,472	46,734	951,792	531,806	5,018	240,368	174,600
Calhoun	212,207	116,710	2,697	64,876	27,924	739,618	455,269	12,087	189,295	82,967
Colleton	798,358	414,523	31,397	205,819	146,619	2,669,134	1,525,632	114,566	521,530	507,406
Dorchester	506,128	185,915	40,461	162,917	116,835	1,837,992	803,079	177,973	472,508	384,432
Hampton	471,501	141,755	32,846	170,630	126,270	1,800,492	606,558	141,478	556,227	496,229
Jasper	486,284	192,548	39,080	136,474	118,182	1,842,568	747,750	183,304	455,293	456,221
Lexington	241,605	156,106	696	38,145	46,385	879,459	655,471	1,471	102,457	120,060
Orangeburg	610,484	182,780	28,300	248,588	150,816	1,876,392	710,216	111,484	644,100	410,592
Total	4,654,321	2,060,179	226,457	1,399,760	967,925	16,398,664	8,152,498	952,328	4,106,383	3,187,455

 $^{\mathrm{a}}\mathrm{Factors}$ for converting to cords are shown on page 11.

Table 8.--Net annual growth of growing stock and sawtimber on timberland, by county and species group, Southern Coastal Plain of South Carolina, 1986

			Growing st	stock			Tempolotica en entreparte major entre communication analogo conjuncto	Sawtimber		American de la companya de la compa
County	All species	Pine	Other softwood	Soft hardwood	Hard	All	Pine	Other softwood	Soft	Hard
		Thou	Thousand cubic fo	feet			Th	Thousand board	feet	describes a format of the control of
Aiken	22,310	17,385	72	2,515	2,338	81,516	65,792	410	9,695	5,619
Allendale	8,842	5,964	120	1,349	1,409	39,052	27,309	693	4,614	6,436
Bamberg	6,324	3,589	332	1,273	1,130	27,570	19,115	1,710	3,617	3,128
Barnwell	12,202	8,271	275	2,359	1,297	52,109	35,752	1,493	9,607	5,257
Beaufort	7,943	5,029	9/	1,595	1,243	39,462	26,306	204	6,841	6,111
Calhoun	8,873	6,474	53	1,465	881	42,362	30,041	312	8,498	3,511
Colleton	36,569	26,150	629	5,265	4,495	156,721	117,960	3,455	18,991	16,315
Dorchester	17,684	9,762	764	3,580	3,578	80,297	52,090	4,299	11,990	11,918
Hampton	15,184	7,646	593	3,704	3,241	76,615	42,472	3,397	15,385	15,361
Jasper	17,753	10,699	807	3,008	3,239	82,349	49,594	4,585	10,779	17,391
Lexington	11,357	8,733	17	1,323	1,284	49,745	39,566	202	5,440	4,537
Orangeburg	22,047	10,960	516	5,697	4,874	86,028	47,511	2,809	17,640	18,068
Total	187,088	120,662	4,284	33,133	29,009	813,826	553,508	23,569	123,097	113,652

Table 9.--Annual removals of growing stock and sawtimber on timberland, by county and species group, Southern Coastal Plain of South Carolina, 1986

			Growing st	stock				Sawtimber	L	
County	'All species	Pine	Other softwood	Soft hardwood	Hard	All	Pine	Other softwood	Soft hardwood	Hard
		Thor	Thousand cubic fe	feet		0.00 0.00 0.00	Th	Thousand board feet	feet	
Aiken	12,604	12,396		90	118	50,208	49,742	mrs 640	997	
Allendale	8,937	7,524	1	613	800	26,644	23,686	1	1,383	1,575
Bamberg	15,366	9,555	120	3,865	1,826	53,286	34,728	533	14,071	3,954
Barnwell	9,003	6,994	1	1,283	726	27,817	22,211	•	3,383	2,223
Beaufort	4,972	4,246	!	210	516	20,749	19,255	1	286	1,208
Calhoun	9,905	5,978	!	3,087	840	42,879	26,600	1	13,972	2,307
Colleton	27,847	20,269	401	5,050	2,127	101,204	81,469	1,396	9,206	9,133
Dorchester	16,617	9,887	984	2,892	2,854	59,459	41,378	4,140	5,335	8,606
Hampton	22,414	13,262	962	3,902	4,288	89,729	50,794	5,189	14,289	19,457
Jasper	13,622	11,922	123	509	1,068	43,020	38,462	!	730	3,828
Lexington	11,720	11,172	!	284	264	44,720	43,490	1	816	414
Orangeburg	15,016	9,789		1,286	3,941	53,743	36,424		5,961	11,358
Total	168,023	122,994	2,590	23,071	19,368	613,458	468,239	11,258	868,69	64,063

Unit Tables

Table 10.--Area of timberland, by forest type and ownership class, Southern Coastal Plain of South Carolina, 1987

			(Ownership c	lass	
Forest type	All ownerships	National Forest	Other public	Forest industry	Forest industry- leased	Other private
Other Principles and a security of the securit	etissä SANIS enkis enkis enkis enkis eleja e		*** *** *** A(cres	Mind where will said richs will	u agga once nergi natigi untili
Softwood types						
White pine-hemlock	manch speed	month water	work winds	samp Wells	same winter	Many Many
Spruce-fir	chia esea	aves white	weig ****	MOSSA MANINE	weeken where	MANUS MISUS
Longleaf pine	189,139	CORR NAME	26,627	6,377	was com	156,135
Slash pine	218,406	stage owen	18,987	75,668	4,749	119,002
Loblolly pine	933,440	4,014	75,270	270,517	3,980	579,659
Shortleaf pine	13,456	Apple words	egap with	min min	white wills	13,456
Virginia pine	NUMBER OFFICE	usup mente	wage work	made andb	water weeks	Make Among
Sand pine	windys. 18252a	anga 14000	age was	voles 4000	9480 1009	woman delige
Eastern redcedar	soup with	salas minte	maria 1000	wagoo sinsia	analy male	may 1990
Pond pine	45,988	elegija Ministra	461	eth con	60GE 1770F	45,527
Spruce pine	2,195	class Pality	ecopy filtiple	2,195	warms soletie	
Pitch pine	900X 0109	stock from	major MRSS	water 4400	cestor milita	cess were
Table Mountain pine	man- only		many step	Augo 5599		
Total	1,402,624	4,014	121,345	354,757	8,729	913,779
Hardwood types						
Oak-pine	361,880	minist states	27,597	34,488	samp some	299,795
Oak-hickory	329,308	Manay Yorkin	20,094	41,642	NUMBER WINDOW	267,572
Chestnut oak	, mass 1000s	AND NOTE	with time	Make more	wei ****	exp +004
Southern scrub oak	122,410	4000 5000	9,361	yegan militar	and white	113,049
Oak-gum-cypress	913,756	EXCH CHIES	31,953	178,801	Addition with the	703,002
Elm-ash-cottonwood	32,712	2,007	2,986	3,014	estate Militar	24,705
Maple-beech-birch	vita apa	was 400	augu eners	ona eero	ADDIS ANNO	/ ************************************
Total	1,760,066	2,007	91,991	257,945		1,408,123
All types	3,162,690	6,021	213,336	612,702	8,729	2,321,902

Table 11.--Area of timberland, by ownership and stocking classes of growing-stock trees, Southern Coastal Plain of South Carolina, 1987

	A11		Stock	ing class (p	ercent) ^a	
Ownership class	classes	>130	100-130	60-99	16.7-59	<16.7
datapanka pung Europhy a sa sagapa panka kara-ana ayan alian da kara atau karaba kaba kabangan atau malamba da		guverpage provigione rique establime estatus, usqui mandissius desperiente establica e	and the same time and the same	CICS on our or no		40.000 - 40.000 - 10.
National Forest	6,021	2,007	open velille	4,014	quiga essaya	region at the
Other public	213,336	15,424	78,235	88,820	29,171	1,686
Forest industry	612,702	53,650	256,793	236,980	47,905	17,374
Forest industry-leased	8,729	862	5,134	1,364	1,369	mage attrib
Other private	2,321,902	107,896	710,703	968,251	439,080	95,972
All ownerships	3,162,690	179,839	1,050,865	1,299,429	517,525	115,032

^aSee stocking standards on page 11.

Table 12.--Area of timberland, by forest type and stand-size class, Southern Coastal Plain of South Carolina, 1987

	A11	Sta	nd-size clas		Also and a characteristic discrementary control discrementary group and a characteristic discrementary and a characterist
Forest type	stands	Sawtimber	Poletimber	Sapling- seedling	Nonstocked areas
	obstar warmer edines delega sedenas and delega sedenas a	mitigationanding opposition between the model open adjustment of the model of the m	- Acres	regionistica contratorio de contrato de contratorio	
Softwood types					
White pine-hemlock	econ con	estate eleval	enga éstéb	AND STREET	month HOND
Spruce-fir	condid risksto	spa nee	vision Milita	sicajo utratid	system design
Longleaf pine	189,139	98,845	49,674	40,620	Motion enters
Slash pine	218,406	114,327	84,477	19,602	etiga Miller
Loblolly pine	933,440	348,764	181,441	394,298	8,937
Shortleaf pine	13,456	7,840	5,616	Vocada Anties	William action
Virginia pine	speak streets	minds 4000r	visup milita	with soon	esson sidos
Sand pine	employ emotes	NOOS WINN	executivities	eusea ranno	North Attito
Eastern redcedar	wine venta	system adapte	elita elita	source separa	mindo etinisis
Pond pine	45,988	34,493	2,118	9,377	repositor efficient
Spruce pine	2,195	2,195	100mis 40000	stances entirely	energy screen
Pitch pine	diode verder	etanje dokodi	Minim Minim	away entip	contractive
Table Mountain pine				eniggs - danisis	
Total	1,402,624	606,464	323,326	463,897	8,937
Hardwood types					
Oak-pine	361,880	169,452	61,969	125,094	5,365
Oak-hickory	329,308	100,355	89,195	125,970	13,788
Chestnut oak	vesse dates	unos nizo	elisais estate	with the same	waith eliter
Southern scrub oak	122,410	8,281	15,428	25,808	72,893
Oak-gum-cypress	913,756	563,862	172,333	163,512	14,049
Elm-ash-cottonwood	32,712	29,833	2,879	vissa dizio	****
Maple-beech-birch	east size	equa viner	wors with	Suppos Gestion	onlo (a)o
Total	1,760,066	871,783	341,804	440,384	106,095
All types	3,162,690	1,478,247	665,130	904,281	115,032

Table 13.--Area of timberland, by stand-age and broad management classes, all ownerships, Southern Coastal Plain of South Carolina, 1987

0.5		galance, due mais hi fermag mais resigni del diberenti i i i ami agli cin et malle i indicata di calence con c I	Broad 1	management	class	Steven til Steven til Steven til Steven på se statiske til Steven til Steven til Steven som en en en steven st
Stand-age class (years)	All classes	Pine plantation	Natural pine	Oak-pine	Upland hardwood	Lowland hardwood
CECTOR PROPERTY AND ASSESSMENT OF THE CONTRACT		guestatistisse performance es de den criscole el trick previo producti producti passenativament con con criscol I el triski dantilo comital sessial el 1665 consul-	earearen responso gunnar generaliar mentenke uterren provinske melestri energi melestri ataula uterre Angle melestrian	cres «		pro consideración con escripción de alcidente de la consequia la misma de la componenta que estra gual autoridad de la consequia de la autoridad de la consequia della consequia de la consequia della consequ
0-10	662,020	300,175	111,478	83,730	74,410	92,227
11-20	287,339	111,380	70,553	26,340	24,151	54,915
21-30	358,882	171,058	99,301	22,287	18,221	48,015
31-40	323,383	58,116	149,144	28,464	22,709	64,950
41-50	323,755	7,783	92,888	44,336	48,506	130,242
51-60	275,258	willian series	71,561	24,208	27,951	151,538
61-70	154,189	ones easie	27,744	15,515	9,337	101,593
71-80	62,079	eagin mater	9,700	5,801	4000 4000	46,578
81+	106,377	satura sinte	10,985	2,118	10,536	82,738
No manageable stand	609,408	18,938	91,820	109,081	215,897	173,672
All classes	3,162,690	667,450	735,174	361,880	451,718	946,468

Table 14.--Area of timberland, by stand-age and broad management classes, public ownerships, Southern Coastal Plain of South Carolina, 1987

041	4 7 7		Broad 1	management	class	онничность по технов ін файстой обисот яку от філі біт на хадо податом начал
Stand-age class (years)	All classes	Pine plantation	Natural pine	Oak-pine	Upland hardwood	Lowland hardwood
Department of the Control of the Con	etropischi destri insur derili erv redeli Admunoscen el mani - come. I vez appazzonem e buc etione etione uppazzo uppazzo uppazzo	nesgementalan intersitu pepangunan uman-man-mategeria generi-mana pangunan intersituan intersituan intersituan Pelini Herek terhito kodido kurisu guasay sulaps	export remote entire control AC		одоміння і пітінофоння домун недоста по под домуні недоста по под под под под под под под под под	
0-10	32,484	27,280	spomy elmais.	2,602	2,602	wings debits
11-20	14,354	8,189	2,985	2,715	ecasah MINSAN	465
21-30	34,252	21,423	6,186	odyso-reside	2,601	4,042
31-40	47,715	20,328	16,595	2,986	weeks shirted	7,806
41-50	29,180	5,588	6,457	5,520	2,601	9,014
51-60	12,223	er demokir direbir	emma sande	2,986	5,971	3,266
61-70	5,023	48200 enter	2,986	sisted electri-	costs states	2,037
71-80	4,177	distal edució	2,139	MINIO FORMS	-riote-volum	2,038
81+	7,594	davina volonie	essign eaborn	sorty, acces	2,601	4,993
o manageable stand	32,355	essessi ataloja Historiassa rangiskustovatovitatiskiskustoskuspianskustoja riskiskustoskuspia vattova salistov	5,203	10,788	13,079	3,285
All classes	219,357	82,808	42,551	27,597	29,455	36,946

Table 15.--Area of timberland, by stand-age and broad management classes, forest industry, a Southern Coastal Plain of South Carolina, 1987

0.5	4 T T		Broad 1	nanagement	class	
Stand-age class (years)	All classes	Pine plantation	Natural pine	Oak-pine	Upland hardwood	Lowland hardwood
			A	cres		Schemoto Continues de para a para continue de para de para de la continue de para de la continue de para de la continue de la
0-10	192,103	147,959	12,652	9,298	8,834	13,360
11-20	88,640	71,513	name when	2,195	4,182	10,750
21-30	99,290	77,326	7,301	5,827	4,182	4,654
31-40	44,820	11,696	10,523	4,041	5,210	13,350
41-50	31,646	2,195	2,195	6,382	4,918	15,956
51-60	24,415	easter risele	2,195	2,195	2,459	17,566
61-70	18,775	insides 40460	2,195	desires denties		16,580
71-80	18,117	reliable 444044	MARKO ARREST	sausain divides	codes decida	18,117
81+	27,115	estante resiste	nisis entr	ession were	2,459	24,656
o manageable stand	76,510	4,369	11,367	4,550	9,398	46,826
All classes	621,431	315,058	48,428	34,488	41,642	181,815

^aIncludes 8,729 acres of other private land under long-term lease.

Table 16.--Area of timberland, by stand-age and broad management classes, other private ownerships, a Southern Coastal Plain of South Carolina, 1987

Chand are alone	A 7 7		Broad 1	management	class	
Stand-age class (years)	All classes	Pine plantation	Natural pine	Oak-pine	Upland hardwood	Lowland hardwood
	450 ywe di prosindigi silonin depinne reginne di genhadole enere di ne con regioni in generali generali gi 21/04/0 456/04 466/04 466/04 466/04 466/04 466/04 466/04		com aller evels one A	cres		
0-10	437,433	124,936	98,826	71,830	62,974	78,867
11-20	184,345	31,678	67,568	21,430	19,969	43,700
21-30	225,340	72,309	85,814	16,460	11,438	39,319
31-40	230,848	26,092	122,026	21,437	17,499	43,794
41-50	262,929	stienty stroop	84,236	32,434	40,987	105,272
51-60	238,620	ence distr	69,366	19,027	19,521	130,706
61-70	130,391	4020	22,563	15,515	9,337	82,976
71-80	39,785	entries 40,000	7,561	5,801	esse nece	26,423
81+	71,668	ecomple elitricis	10,985	2,118	5,476	53,089
No manageable stand	500,543	14,569	75,250	93,743	193,420	123,561
All classes	2,321,902	269,584	644,195	299,795	380,621	727,707

Excludes 8,729 acres of other private land under long-term lease to forest industry.

Table 17.--Area of timberland, by broad management and stand-volume classes, Southern Coastal Plain of South Carolina, 1987

Broad management	All	(c)		and-volume cof growing s		re)
class	classes	0-499	500-999	1000-1499	1500-1999	2000+
	esser unitals unitals efficie	elació eletto eletto electro autori	<u>A</u> c	cres	estale estale estale estale estale	
Pine plantation	667,450	355,650	88,486	43,516	62,825	116,973
Natural pine	735,174	141,356	98,042	112,763	143,886	239,127
Oak-pine	361,880	123,527	60,983	63,888	39,929	73,553
Upland hardwood	451,718	268,624	60,745	31,871	38,493	51,985
Lowland hardwood	946,468	172,843	98,671	87,691	92,727	494,536
All classes	3,162,690	1,062,000	406,927	339,729	377,860	976,174

Table 18.--Volume of growing stock on timberland, by broad management class, species group, and stand-age class, Southern Coastal Plain of South Carolina, 1987

Broad management	A11	No				Stand	Stand-age class ((years)			
species group	classes	stand	0-10	11-20	21–30	31-40	41-50	51-60	61-70	71-80	81+
	1 1 1 1	1 1 1 1	: : :	\$ \$ \$ \$	Thc	Thousand cubic	feet		1 1		1 1 1
Pine plantation Softwood Hardwood	594,284 9,818	3,808	15,874	125,735	306,356	122,885 1,163	19,626	11	1 1	11	
Total	604,102	4,102	16,259	126,230	313,461	124,048	20,002	PO 400			
Natural pine Softwood Hardwood	1,103,648 108,355	51,312 5,251	38,710 5,012	61,746 3,228	155,695	313,341 27,754	201,344 18,583	167,468 21,876	67,005 7,679	24,857	22,170
Total	1,212,003	56,563	43,722	64,974	171,314	341,095	219,927	189,344	74,684	27,855	22,525
Oak-pine Softwood Hardwood	238,329 185,396	48,281 17,419	20,246 9,687	13,383 5,655	20,250	29,468 25,062	45,729 45,247	31,755 30,742	18,260 23,379	9,239	1,718
Total	423,725	65,700	29,933	19,038	35,031	54,530	90,976	62,497	41,639	19,109	5,272
Upland hardwood Softwood Hardwood	60,499	19,225 44,564	1,620 9,954	2,033 4,298	1,184	3,406	10,277	16,748	969	es es	5,037
Total	326,371	63,789	11,574	6,331	10,484	28,997	89,446	65,990	19,389	enn eas	30,371
Lowland hardwood Softwood Hardwood	289,876 1,798,244	13,288 98,798	5,169	4,700	13,410	12,805	48,216 286,753	46,402	47,949	36,572 139,084	61,365
Total	2,088,120	112,086	42,753	38,033	69,238	159,251	334,969	475,900	344,442	175,656	335,792
All types Softwood Hardwood	2,286,636 2,367,685	135,914	81,619	207,597 47,009	496,895 102,633	481,905 226,016	325,192 430,128	262,373 531,358	134,183	70,668	90,290
Total	4,654,321	302,240	144,241	254,606	599,528	707,921	755,320	793,731	480,154	222,620	393,960

Table 19.--Net annual growth of growing stock on timberland, by broad management class, species group, and stand-age class, Southern Coastal Plain of South Carolina, 1986

Broad management	A11	No		Resistance of the collection o	erestic constitue of a college and the addition of the annual management of the	Stand-age	age class ^a	(years)	ins dispolation against humanism and a simple of the state of the stat		Output light in the part and the part of t
species group	classes	stand	0-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81+
	ALIA SERVE WIRE MADE	also were take take take teen been	spec state con term one of	many days were date this	Thousand	cubic feet	ATTION COME 1880 COMP 18820	dada marin terma darin terma della	down back little Aboth week do	de labor Janes yeller quan dels	-
Pine plantation Softwood Hardwood	47,318	283	5,288	13,760	20,831	6,260	896	1 1		! !	
Total	48,179	294	5,291	13,953	21,452	6,280	606		instalanden indistantin en jour en ferren person en jour en jo	Access commence control and the section of the sect	e salateira seite, capita, ejas palateira pita pita palateira seite salateira pita palateira pit
Natural pine Softwood Hardwood	57,671	2,699	2,414	4,838	10,866	16,579	9,029	7,508	2,259	689	790
Total	61,977	2,850	2,580	5,001	11,672	17,839	9,720	8,203	2,582	725	805
Oak-pine Softwood Hardwood	10,771 7,043	2,258	1,296	658	1,069	1,274	2,042	1,233	568	302	71 63
Total	17,814	2,981	1,737	954	2,123	2,279	3,737	2,088	1,263	518	134
Upland hardwood Softwood Hardwood	2,433	922	71	83	31 463	1,040	399	612	33	was day	138
Total	10,534	2,244	428	386	767	1,184	2,843	1,924	386		645
Lowland hardwood Softwood Hardwood	6,753	410 2,833	215	215	466	348	1,104	1,083	951	681	1,280
Total	48,584	3,243	1,486	1,746	2,435	4,641	8,602	11,045	6,223	3,654	5,509
All types Softwood Hardwood	124,946 62,142	6,572	9,284	19,554 2,486	33,263	24,605	13,470	10,436	3,811 6,643	1,672	2,279
Total	187,088	11,612	11,522	22,040	38,176	32,223	25,811	23,260	10,454	4,897	7,093
and the second											

 a Classifications at the end of the remeasurement period.

Table 20.--Annual removals of growing stock on timberland, by broad management class, species group, and stand-age class, Southern Coastal Plain of South Carolina, 1986

Broad management	A11	No				Stand-age	age class ^a	(years)			
species group	classes	stand	0-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81+
		! ! ! !	1 1 1	1 1 1 1	Thousand	1 cubic feet	: :		1 1 1	1 1 1 1	
Fine plantation Softwood Hardwood	36,807	756	278	9,447	24,224 616	2,102			! !		1 1
Total	37,590	756	278	9,614	24,840	2,102	1 8				
Natural pine Softwood Hardwood	67,772 4,705	2,882	321	2,842	23,248	15,992 1,576	11,668	2,595	5,172	3,052	
Total	72,477	3,532	321	2,842	24,801	17,568	12,192	2,823	5,346	3,052	
Oak-pine Softwood Hardwood	13,247	3,808	796	557	1,845 1,218	97	774	2,458	2,741	1 1	1 !
Total	17,335	3,928	1967	557	3,063	97	1,604	2,956	4,163		1
Upland hardwood Softwood Hardwood	2,296	791 904	107 74		338	11111,130	603	689	797	260	## VI
Total	9,466	1,695	181	The control of the co	1,807	1,241	603	2,882	797	260	the day of the second s
Lowland hardwood Softwood Hardwood	5,462 25,693	778	410	day pep	273	765	924	776	984	2,158	962
Total	31,155	3,992	410	mas emp	2,558	5,278	4,621	3,215	3,403	2,158	5,520
All types Softwood Hardwood	125,584	9,015	1,673	12,846	49,928 7,141	19,067	13,366	6,518 5,358	8,897	3,312	962
Total	168,023	13,903	2,157	13,013	57,069	26,286	19,020	11,876	13,709	5,470	5.520
2010		1	And the second fine continues prints and descriptions of the second continues						· idan manana proposition del resultan a del resultan del		

^aClassifications before timber removals.

Table 21.--Merchantable volume of live trees and growing stock on timberland, by forest-type and species groups, Southern Coastal Plain of South Carolina, 1987

			Live trees	S			eddi on the melden edding day a me ir chann nind ean edding o	Growing stock	ock	
Forest-type group	All	Pine	Other softwood	Soft hardwood	Hard	All	Pine	Other softwood	Soft	Hard
	Mario Mario Gario Mario Intelle Intell	The state with the state of the			Thousand	Thousand cubic feet -	idos dos das para emp		e dens dans (pr.) dans with gran .	
White pine-hemlock	tion was	1	1	*	ř	W	*	4		**
Spruce-fir		The date	*	the man	ī	•	and the	Mark large	Make Water	g g
Longleaf-slash pine	587,276	554,174	2,219	11,156	19,727	575,403	550,476	1,662	10,388	12,877
Loblolly-shortleaf pine	1,268,337	1,153,762	1,925	51,258	61,392	1,240,702	1,143,869		44,942	49,966
Oak-pine	464,108	239,332	1,577	80,178	143,021	423,725	236,752	1,577	72,284	113,112
Oak-hickory	387,612	61,045	303	106,035	220,229	326,371	60,196		91,361	174,511
Oak-gum-cypress	2,249,565	68,799	224,800	1,301,016	654,950	1,987,205	66,754	220,263	1,126,577	573,611
Elm-ash-cottonwood	118,645		727	66,138	49,648	100,915	2,132		54,208	43,848
Maple-beech-birch			mac way		tor see			date: Gazes	State of the state	The state of the s
All types	5,075,543	5,075,543 2,079,244 231,551	231,551	1,615,781	1,148,967	4,654,321 2,060,179	2,060,179	226,457	1,399,760	967,925

Table 22.--Area of timberland treated or disturbed annually and retained in timberland, by treatment or disturbance and ownership class, Southern Coastal Plain of South Carolina, 1978 to 1987

Treatment			Owner	ship class	againte ann airean an airmeach na airmeach agus an tha ann an airmeach a agus an agus agus agus agus agus agus
or disturbance	All ownerships	Public	Forest industry	Forest industry- leased	Other private
Consigned as the consist of this construction, which did not in the consistency and provided in the rest in the consistency and the consistency an	entra francis de casa de como que francis de como entra como de como de como de como entra como entra como ent Estado Estado Medido estado estad	Amer shear augy mays as	Acres	3	
Final harvest	73,332	3,360	19,573	251	50,148
Partial harvestb	10,981		1,010	equip estion	9,971
Commercial thinning	12,554	1,006	1,447	515	9,586
Other stand improvement	3,657	*****	595	apprished	3,062
Site preparation	43,661	3,681	20,681	86	19,213
Artificial regeneration ^c	37,378	3,345	18,195	86	15,752
Natural regeneration ^c	40,317	321	3,929	easo desta	36,067
Other treatment	6,944	245	comp dents	tendo Asido	6,699
Natural disturbance	29,926	3,370	5,095	791	20,670

^aSince some acres experience more than one treatment or disturbance, there are no column totals.

Table 23.--Area of timberland treated or disturbed annually and retained in timberland, by treatment or disturbance and broad management class, Southern Coastal Plain of South Carolina, 1978 to 1987

Treatment	A * *	amendedia a situ describe se espajo españologia, que estrate del Principio es esta este esta esta esta esta es	Broad m	anagement	class ^a	and an
or disturbance	All classes	Pine plantation	Natural pine	Oak- pine	Upland hardwood	Lowland hardwood
ellergipsgelar mits verif er för versinning verificierning sociopsgel efficierning blev birk visit harbiter för men vilk finde fram deven fina attibust			anne som end same A comment	cres ^b		augususyderkosillasydan väästä vasalaluvalala augusta on Artikatiikkii Pikkii 1916 – 1915 – 1864 – 1845 – 1845
Final harvest	73,332	12,988	28,899	12,969	8,459	10,017
Partial harvest ^c	10,981	308	3,528	1,391	1,681	4,073
Commercial thinning	12,554	8,601	3,636	317	elesso sesso	*****
Other stand improvement	3,657	1,013	2,349	9000 ASS	295	600/0 100079
Site preparation	43,661	10,346	16,092	3,825	8,139	5,259
Other treatment	6,944	749	2,162	2,066	993	974
Natural disturbance	29,926	12,269	8,737	2,769	2,804	3,347

a Classification before treatment or disturbance.

bIncludes high grading and some selective cutting.

^CIncludes establishment of trees for timber production on forest and nonforest land.

Since some acres experience more than one treatment or disturbance, there are no column totals.

^cIncludes high grading and some selective cutting.

Table 24.--Area of timberland regenerated annually, by type of regeneration and broad management class, Southern Coastal Plain of South Carolina, 1978 to 1987

Туре	A11	akken mediat mendeling pada puncapan mediat mediati merupa mendeli memilikan mediap menghai mengapan segaran s	Broad ma	nagement	class ^a	errordine en open distancementale en distancement de modern en generale _{en e} n en seguir de l'interes de l'interes de
of regeneration	classes	Pine plantation	Natural pine	Oak- pine	Upland hardwood	Lowland hardwood
	исковатични верни по вернатива по коручини дек о о о основного ос	anno marina m N 1950 marina walio walio mbaro asiale walio walio mbaro asiale walio	nan man min ami Ac	res	opensionen en englan en mentan en albem en de fina en general popular als datam en mental de la companya de la Gaptin enclara sentra estado el companya de la comp	Antiferror and programment of the second of
Artificial regeneration following harvest	25,238	22,678	opp com-	2,185	casa kerin	375
Natural regeneration following harvest	24,589	261	6,610	2,349	7,190	8,179
Other artificial regeneration on forest land	8,772	8,324	noid 660	448	enci-mon	ente com
Other natural regen- eration on forest land	9,826		4,428	2,767	969	1,662
Artificial regeneration on nonforest land	3,368	3,368	wals cittle	ender mass	scorp wints	6000 6000
Natural reversion of nonforest land	5,902	como demás	3,620	958	976	348
Total	77,695	34,631	14,658	8,707	9,135	10,564

^aClassification after regeneration.

Table 25.--Area of timberland, by treatment opportunity and broad management classes, Southern Coastal Plain of South Carolina, 1987

Treatment	A * T	mercen elektromensjolen ryggunus frameliete stantisk issag sinn pålig, opvildenen specillelis k	Broad ma	anagement	class	
opportunity class	All classes	Pine plantation	Natural pine	Oak- pine	Upland hardwood	Lowland hardwood
«Майшаша капуунда ченирин органда нада нада кайна обого до неда нада неда неда нада кайна да нада кайна обора нада кайн	Playe and the characteristics for the property and the pr	HIT HAND THE COLD BUT LESS RECEIVED AND AND AND AND AND AND AND AND AND AN	Ac	cres		
Salvage	19,102	7,785	5,480	alpayir elminis	auga mining	5,837
Harvest	163,677	Nanto-Allenia	32,732	2,118	16,995	111,832
Commercial thinning	99,308	54,825	32,566	Treate greate	3,721	8,196
Other stand improvement	209,126	11,650	51,264	43,766	32,896	69,550
Stand conversion	60,503	2,602	5,446	8,665	28,063	15,727
Regeneration	603,997	18,938	91,820	109,081	215,897	168,261
Stands in relatively good condition	1,926,901	571,650	515,866	192,849	154,146	492,390
Adverse sites ^a	80,076		angia teleba maanyawan mananan menanan menanan aya ayayay ayayay menanan mananan menanan menanan menanan menanan menanan me	5,401	dadar 1960b Copuscioni i general amerikans auganos i gasanggalan galan dan sesiotarian	74,675
All classes	3,162,690	667,450	735,174	361,880	451,718	946,468

^aAreas where management opportunities are severely limited because of steep slopes or poor drainage.

Table 26.--Area of timberland, by treatment opportunity and ownership classes, Southern Coastal Plain of South Carolina, 1987

m			Owner	ship class	
Treatment opportunity class	All ownerships	Public	Forest industry	Forest industry- leased	Other private
ове од осточно не осточно, в сесто воздане вы сесто нед выстанова воде не од пријачнице не сточно, на средне до не осточно вод вод	und norden sakel 1999 til mil 2000 vilk mil		- Acres -	encolorence control (finite in Secure age response se consultativo de l'estate describation au alternativo de (finite) (finite) (finite) (secure agent) (finite) (secure agent) (finite) (finit	usukusukunnin Mandoka ganisuspini atti Patalaha kutanis dasi salaha u dinini tanu salah salah salah salah salah
Salvage	19,102	2,602	40mm 6500	Migidas Gazzano	16,500
Harvest	163,677	8,055	42,354	sizes 6669	113,268
Commercial thinning	99,308	2,602	46,814	COSTA STAND	49,892
Other stand improvement	209,126	14,831	25,365	e000 e000	168,930
Stand conversion	60,503	2,602	9,043	mane Attent	48,858
Regeneration Stands in relatively	603,997	32,355	75,141	1,369	495,132
good condition	1,926,901	153,044	401,536	7,360	1,364,961
Adverse sites ^a	80,076	3,266	12,449	600 COS	64,361
All classes	3,162,690	219,357	612,702	8,729	2,321,902

^aAreas where management opportunities are severely limited because of steep slopes or poor drainage.

Table 27.--Merchantable volume of live trees and growing stock on timberland, by ownership class and species group, Southern Coastal Plain of South Carolina, 1987

			Live trees	6.8				Growing stock	ock	
Ownership class	All	Pine	Other	Soft	Hard	All	Pine	Other softwood	Soft hardwood	Hard hardwood
	tere sten case take take	REAL DEEDS SEEDS COME SOME SOME	-		Thousand	Thousand cubic feet -	- too tee sure the	the says sales that the date	100 100 100 100 100 100 100	tion law was done that t
National Forest	18,780	11,635		2,244	4,901	18,780	11,635	com essa	2,244	4,901
Other public	371,796	205,795	11,397	96,96	57,608	347,824	202,444	11,397	88,866	45,117
Forest industry	990,451	405,740	60,766	318,508	205,437	924,849	402,627	59,239	276,509	186,474
Forest industry-leased	may hite	94.00	1	Abyer issue	-	VELO GEN	JOSE UMM	200	tion and	88 80
Other private	3,694,516	3,694,516 1,456,074	159,388	1,198,033	881,021	3,362,868	1,443,473	155,821	1,032,141	731,433
All ownerships	5,075,543	2,079,244	231,551	5,075,543 2,079,244 231,551 1,615,781 1,148,967	1,148,967	4,654,321	4,654,321 2,060,179	226,457	1,399,760	967,925

Table 28. --- Volume of sawtimber on timberland, by ownership class and species group, Southern Coastal Plain of South Carolina, 1987

		S	Small sawtimber ^a)er ^a			-	Large sawtimber ^D	nber ^D	
Ownership class	All	Pine	Other	Soft	Hard	All	Pine	Other	Soft hardwood	Hard hardwood
	REPRE MITTER CASES WITH WITH METERS OF CONTROL OF CONTR	TOTAL CONTRACTOR OF THE CONTRA		deser delen data delen 1910 1910 1910 1910 1910 1910 1910 191	Thousand	Thousand board feet -	, light days down game days		p spain state claim depen dans blade	galan datan datan Mada Mada
National Forest	44,104	37,588		2,213	4,303	26,562	3,434	dajan shara	6,383	16,745
Other public	637,190	7	17,825	95,995	40,948	679,650		31,423	164,076	78,168
Forest industry	1,396,068		110,297	293,778	170,001	1,517,766	339,143	144,296	532,955	501,372
Forest industry-leased	Spear today	New CORP	NAME (1999)	there is no	time date	nde can	tion see	New Case	1	tion are
Other private	5,250,203	5,250,203 3,208,086	199,731	1,187,413	654,973	6,847,121	2,853,850	448,756	1,823,570	1,720,945
All ownerships	7,327,565	7,327,565 4,550,088	327,853	1,579,399	870,225	9,071,099	9,071,099 3,602,410	624,475	2,526,984	2,317,230

Avolume of sawtimber trees less than 15.0 inches at d.b.h.

 $^{^{\}mbox{\scriptsize b}}\mbox{\scriptsize Volume}$ of sawtimber trees 15.0 inches and larger at d.b.h.

Table 29.--Net annual growth and removals of growing stock on timberland, by ownership class and species group, Southern Coastal Plain of South Carolina, 1986

		2	Net annual growth	rowth	Andrick plants and the second		An	Annual timber removals	removals	den september for the september of the s
Ownership class	A11 species	Pine	Other	Soft	Hard	All	Pine	Other softwood	Soft hardwood	Hard
	1 1	1 1 1	1 1 1 1	; ; ;	Thousand	Thousand cubic feet				
National Forest	643	812	i	62	69	1,599	1,599		1	!
Other public	13,861	10,061	240	2,270	1,290	6,331	5,759	1	106	466
Forest industry	43,345	30,389	1,180	6,465	5,311	52,271	37,541	2,167	7,379	5,184
rolest industry-leased		1	!	1	;	191	191	1	!	!
Other private	128,939	79,400	2,864	24,336	22,339	107,631	77,904	423	15,586	13,718
All ownerships	187,088	187,088 120,662	4,284	33,133	29,009	168,023	122,994	2,590	23,071	19,368

Table 30.---Net annual growth and removals of sawtimber on timberland, by ownership class and species group, Southern Coastal Plain of South

Dine Softwood hardwood believed by Softwood by Softwoo				Net annual growth	rowth	And the second property of the second propert		Anr	Annual timber removals	removals	
st 3,420 2,842	Ownersnip class	All	Pine	Other softwood	Soft	Hard	A11 species	Pine	Other	Soft	Hard
st 3,420 2,842 275 303 5,259 5,259			of the state of th			Thousand	board feet				
ry 173,334 122,553 6,556 21,309 22,916 181,431 134,087 9,329 18,074	National Forest Other public	3,420	2,842	1 200	275	303	5,259	5,259	9	!	***
570,347 377,852 15,721 91,937 84,837 402,250 305,230 1,929 51,824 Ps 813,826 553,508 23,569 123,097 113,652 613,458 468,239 11,258 69,898	Forest industry	173,334	122,553	1,292 6,556	9,576 21,309	5,596 22,916	24,142 181,431	23,287	9,320	18 07/	855
813,826 553,508 23,569 123,097 113,652 613,458 468,239 11.258 69.898	Other private	570,347	377,852	F~-	91,937	84,837	376 402,250	305,230	1,929	51 824	179,941
	All ownerships	813,826	553,508		123,097	113,652	613,458	468,239	11.258	69.898	102,04

Table 31.--Volume of timber on timberland, by class of timber and species group, Southern Coastal Plain of South Carolina, 1987

Class of timber	All species	Pine	Other softwood	Soft hardwood	Hard hardwood
Specific sizes place the size of a size of the size of	dijuga dijuga ejema vočena danije	Th	ousand cub	ic feet	
Sawtimber trees		- Carlos Car		mulatical and process and the consistence of the co	
Saw-log portion	3,009,594	1,476,232	181,135	782,035	570,192
Upper-stem portion ^a	393,025	133,491	19,615	151,027	88,892
Total	3,402,619	1,609,723	200,750	933,062	659,084
Poletimber trees	1,251,702	450,456	25,707	466,698	308,841
All growing-stock trees	4,654,321	2,060,179	226,457	1,399,760	967,925
Rough trees					
Sawtimber size	181,626	10,628	1,008	91,575	78,415
Poletimber size	176,169	7,448	1,644	81,944	85,133
Total	357,795	18,076	2,652	173,519	163,548
Rotten trees	en de maria de la companya del la companya de la co		tomoralists and green in successive consequences of the metaconomic of		
Sawtimber size	57,801	732	2,306	39,168	15,595
Poletimber size	5,626	257	136	3,334	1,899
Total	63,427	989	2,442	42,502	17,494
Salvable dead trees	epologica promptime. Le montre de primer de montre franches de la consensión de la minima del minima de la minima del minima de la minima della mini			a dalam periode da ante a periode esta de la collection de la seria de la collection de la	
Sawtimber size	5,940	2,738	182	1,202	1,818
Poletimber size	4,060	1,952	67	919	1,122
Total	10,000	4,690	249	2,121	2,940
Total, all timber	5,085,543	2,083,934	231,800	1,617,902	1,151,907

^aIncludes cull sections in the saw-log portion.

Table 32. ---Number of live trees on timberland, by species and diameter class, Southern Coastal Plain of South Carolina, 1987

Species		-						מר הונ	מפר ווכדפוור)				
e de la constante de la consta	classes	1.0-2.9	3.0-	5.0-	7.0-8.9	9.0-	11.0-	13.0-	15.0-	17.0-	19.0-	21.0-	29.0 and larger
	5	20 CO		1	f 1	- Thous	Thousand trees	N 4007 GUN AND KAD		Sila was gide stan			
Softwood													
Longleaf pine	55,922	20,573	13,742	6,398	4,237	3,663	3,228	2,434	1,180	331	06	949	
Shortlesf pine	59,736	12,513	14,318	13,040	9,100	5,357	2,952	1,456	641	203	115	41	*
Loblolly pine	318,344	135,109	72.624	1,290	26 111	16 538	433	207	2 577.	1 7/.5	1 040	0 70	1 0
Pond pine	15,478	2,705	4,212	2,533	1,775	1,518	1.130	847	330	175	141	103	7
Virginia pine	man our		1		1) I		7		7 1		-
Pitch pine	Olive soon	100	tree dates	#00 00M	date stars	1994 4998	A400 0000	1000	10 B	***	I	No. of the last	mor dan
Table Mountain pine	1000 MIN	data nam		has see	tree qui	-	***************************************		1	Mrs was	1004 diam	î	****
Spruce pine	2,722	1,728	161	106	206	179	23	06	75	81	19	51	e
Sand pine	India socia	des son	4	Non-Sau	1	sales data	-	- spirit make	above compa	\$	***	may 400	
Eastern white pine	These Malds	Born Gase	disa dasa	*	1 6	Wen dise	from dom	nam man	tide last	8	dies com	1	400 000
Eastern hemlock	THE AND	dem selfa	down vibra	***	***	stree easts	see see	ded das	Mere Juan	abu quy	W	40.0	*
Spruce and fir	NAME AND ADDRESS OF THE PARTY AND ADDRESS OF T	was was	and the	Jake ties	son man	nima depir	JOSE GAME	appen eggs	100			total dise	9 1
Baldcypress	13,302	5,007	2,040	992	981	1,150	724	763	565	361	313	354	52
Pondcypress	16,589	7,783	2,798	1,474	1,773	1,118	622	909	167	142	70	28	1 00
Cedars	704	509	ann Aven	96	52	47	B		~ 1 > 1	and and	> 1	2 1)
Total softwoods	489,314	186,402	112,384	70,519	44,795	30,209	19,062	12,606	6,800	3,112	1,819	1,511	95
Hardwood		nikilykėju riduolagusiaas mananaas appaatiyojo, jigaatii	valencementementementementementementementem	andronomies estimated in the contraction of the con	меро-афріка ў калентовка праводна прав							And the second s	Andrewskie der State der S
Select white oaks	16.741	107 8	7 005	1 860	1 367	n C	177	300	100	0	(•
Select red oaks	6.151	2 100	080 0	750	10767	200	40T	150	107	193	50 7	13/	7 6
Chestnut oak	T > T 6 0	29177	4,9000	76/	717	076	103	701	707	000	T+7	97	74
Other white oaks	28.980	16.039	6 470	900 6	1 117	1 136	763	100	1 11 11	1 00	1 0	1 0	
Other red oaks	284,267	188,427	43,980	19,981	13,141	7 215	202	2000	1 659	107	755	227	7 0
Hickory	39,889	25,978	6,148	3,398	1,683	080	7,750	es.	2,002	170	7,7	130	191
Yellow birch	en au						1 1	100	1 1	0 1	3 1	7 1	17
Hard maple	343	317	disc con	3	1911 ilmer	-	26	***	3	!	911 460	800 000	
Soft maple	169,538	115,779	30,393	10,877	5,404	2,480	1,829	1.074	742	452	251	243	14
Beech	1,117	1,014	89 000	-	51		28	17	-	1	door span	7	
Sweetgum	236,863	153,027	39,660	18,670	10,724	5,514	4,078	2,242	1,547	669	369	315	18
Tupelo and blackgum	176,974	98,866	28,021	16,278	9,717	7,830	6,924	4,164	2,400	1,343	739	580	112
Asn	55,860	39,916	9,312	2,395	1,074	1,289	889	447	238	149	64	96	9
Corronwood	1,935	553	717	159	190	235	99	100 000	core sum	****	6	9	2
Vollogen	1 0	1 0	1			then then	Sar em	1	1	1	1	I	-
Berr and moments	19,004	8,512	4,462	1,862	1,208	1,069	599	435	291	182	217	164	m
Block chows	10/67	27,801	020	142	168	176	72	59	26	26	6	23	6
Black cucity	70/67	790,12	2,559	2,249	850	36	***	20	000 400	91 92		ř	1000 1000
	1 1		Man dive	1 1	1 :	900	110 Can		one and	i	1	1	ì
Black losser	///	313	1	245	63	om 040	Mark days	20	32	27	51	26	000
Elm	20.047	11 900	1 887	1 780	7/8	17.0	1 00		1 0	1 6	1 :	1 0	
Other eastern	200	77300	1000	7,100	040	74/	130	907	133	134	110	20	4
hardwoods	340,794	260,863	56,366	15,597	4,679	1,776	882	273	166	95	55	35	7
Total hardwoods	1,458,822	981,062	240,697	98,941	52,554	31,253	21,689	12,809	8,115	5,110	2,997	3,101	767
A	1 0/8 136	1 167 7.67	252 001	750 7.50	0.76 7.0	037 63	10 361	4 / 40	1.01.	0	, , ,		1
energy of the second control of the second c	1	404610161	333,001	107,400	71,049	704610	40,721	22,415	14,915	8,222	4,810	71964	589

Table 33. -- Number of growing-stock trees on timberland, by species and diameter class, Southern Coastal Plain of South Carolina, 1987

	7				Dian	Diameter class	s (inches	at	breast height)				
Species	All classes	1.0-2.9	3.0-	5.0-	7.0-	9.0-	11.0-	13.0-	15.0-	17.0-	19.0- 20.9	21.0-28.9	29.0 and larger
	# # # # # # # # # # # # # # # # # # #	!	1	! ! !	! ! !	Thous	Thousand trees	1 1		1	1 1		the state of the s
Softwood													
Longleaf pine	52,490	18,653	12,612	6,164	4,126	3,626	3,228	2,434	1,180	331	06	97	!
Stasn pine	2/,991	11,/18	13,990	12,705	8,913	5,326	2,902	1,437	641	203	115	741	1
Johlollw nine	301 111	122 3/6	2,333	1,188	25 020	639	433	252	268	1,4	11 050	87	1 6
Pond pine	14,691	2.554	4.027	2,312	1,720	1,393	1,130	828	312	17/61	130	103	7
Virginia pine	: 1		1	1	1	2	2 1	3 1	1	1	2	1 1	-
Pitch pine	i	1	1	1	;	;	!	!	1	1	1	1	!
Table Mountain pine	!	1		1	ļ	[ļ	1	;	!	!	1	!
Spruce pine	2,280	1,389	161	106	127	179	23	90	75	19	6	51	3
Sand pine	!	!	1	1	1	i	1	!	I	!	,	1	i
Eastern white pine	1	!	!	!	1	!	!	!	1	!	1	i	!
Eastern hemlock	1	1	!	1	1	1	1	ţ	1	1	Ĭ		1
Spruce and fir	1	1	1	!	1	!	!	1	1		1	!	
Baldcypress	12,394	4,520	1,884	992	810	1,150	724	730	534	339	313	354	74
Pondcypress Cedars	15,459	7,304	2,637	1,188	1,636	1,069	622	588	167	142	70	28	∞
								1	entre strengt en service service en service service en service service en service service en servic	And the second of the second by refer to the second	o) a formaçõe de compresso de c	and the second s	
Total softwoods	463,371	169,468	107,399	68,224	43,873	29,790	18,932	12,517	6,736	3,052	1,788	1,505	87
Hardwood													
Select white oaks	12,369	5,325	2,142	1,668	1,310	505	406	377	267	181	63	121	4
Select red oaks	5,258	1,517	2,080	619	197	320	103	152	102	80	41	26	21
Chestnut oak	1	-	-	-		1		•	*	1	Î	!	**
Other white oaks	11,622	5,144	2,578	1,411	655	802	285	165	134	123	127	180	18
Other red oaks	203,811	121,066	35,414	18,272	12,006	6,629	3,875	2,286	1,469	1,127	688	815	164
Hickory	25,/45	14,440	4,393	2,928	1,52/	852	6/4	335	747	1/0	3/	176	16
Hard manle	1			1 1	! !		1 1	! !	! !	1 1		1 1	10 de 1
Soft manle	82.617	45 387	19.957	7.980	4 086	1 931	1 270	808	182	330	071	137	
Beech	524	507	100601	2016	2006	10/61	2164	17	5 !	3 1	? !	5	1
Sweetgum	176,600	104,525	31,870	16,328	9,929	5,128	3,844	2,182	1,517	618	352	293	14
Tupelo and blackgum	094,460	37,741	17,700	12,278	7,357	6,174	5,576	3,418	2,064	1,111	579	390	72
Ash	21,809	13,705	2,931	1,805	703	1,002	808	382	222	138	39	74	1
Cottonwood	730		156	159	190	144	99	1	!	!	6	9	[
Basswood		1	1 .	1 ;	!		!	1	!	!	1	1	!
rellow-poplar	16,319	6,664	3,944	1,862	1,006	1,069	552	435	274	182	187	144	***
Bay and magnolia	4,285	3,254	312	335	168	82	45	43	76	12		×	!
plack cherry	12,042	0,131	7,000	1,400	363	30	1	•	í	1	1	!	-
Success walluc	70%	1 1 1	!	100	!	f	1	1 6	ic	1 6	1 7	70	1
Black loner	† I	101		201		1 1		07	75	17	7 1	07	1 1
Elm Elm	10,511	4.215	2,880	1,485	589	626	178	220	118	83	95	22	i di
Other eastern													
hardwoods	12,743	7,603	2,622	785	684	389	257	179	121	78	27	28	Challenge distriction control regulation (control regulation control r
Total hardwoods	692,432	379,381	131,587	69,500	40,772	25,689	17,939	11,019	7,175	4,239	2,426	2,396	309
400 A A A A A A A A A A A A A A A A A A	1.155.803	678 875	238 986	137 724	84 645	65 479	36 871	73 536	13 011	7 201	71.6 7	3 901	306
	500655464	126212	20,600	1716164	C+0 6+0	614600	710600	000607	777667	1967	19614	70767	

Table 34.--Merchantable volume of live trees on timberland, by species and diameter class, Southern Coastal Plain of South Carolina, 1987

Species	7 7 77					The second secon	State of the second sec	Company of the Compan		The state of the s	
	classes	5.0-	7.0-8.9	9.0-	11.0-	13.0- 14.9	15.0-	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 and larger
44	1 1 1	1		: :	Thousand	and cubic	feet	tem egy the eas gar	etes kan jap set.	TOTAL VIII. TO SOME TOTAL VIIII. TO SOME TOTAL VIII. TO SOME TO SOME TOTAL VIII. TO SOME TOTAL VIII. TO SOME TO SOME TO SOME TO SOME TO SOME TO SO	
Jon 1 - 1 - 5					,						
conglear pine	\sim	18,543	29,156	45,192	61,402	64,790	43,318	15,306	5,658	3,843	
Stash pine	327,230	37,368	64,767	69,003	59,855	43,427		12,035	8,355	4,106	-
Toble treat pine	1,010	4,024	147.41	807,6	10,554	7,602	11,456	3,966	167	1,635	1
Lobiolity pine	1,2/0,10/	111,137	167,670	203,768	195,633	183,451		94,255	74,912	88,792	4,434
Vincinio pine	118,/0/	7,392	11,/83	17,710	20,890	23,318	11,174	8,785	8,296	8,421	866
virginia pine	top and	!	!	!	1	1	1	•	1	I	!
ricen pine	!	!	!	1	-	1	!	•	1	1	1
Charle Modulatu pine		1 6		1 0	1 1				1		1
Sond ains	610,17	787	1,196	2,235	585	2,502	2,876	4,556	1,258	5,248	639
Sand pine	!	!	i	1	!	!	!	1	!	i	!
rastern walte pine	•	1		1	1	1	1	1	1	ł	1
Lastern hemlock	i	!	!	!	!	!	1	1	***	Į	Î
opruce and fir	1	!		!	!	1		1	!	1	!
Baldcypress Pondcypress Gedars	156, 145 74, 437 969	3,424 5,523 243	7,058 10,936 303	14,806 13,078 423	14,011 10,477	20,415 13,902	19,869 5,706	16,849 6,074	17,910 3,680	32,928 2,238	8,875 2,823
Total softwoods	2,310,795	188,538	297,110	375,923	373,407	359,407	268,768	161,826	120,836	147,211	17,769
Hardwood				-							
Soloch white coles	כני זר	700	1	i L			4	6		4	
Select red oaks	33,875	2,435	9,/4/ 1,491	4,000	8,668	3,998	9,963 4,033	9,096	4,082	12,032	635
Chestnut oak	1	l i	i	1			1	: 1	1		
Other white oaks	99,775	4,437	5,247	10,617	7,940	7,517	7,351	10,339	10,021	26,414	9.892
Other red oaks	670,665	59,023	83,371	84,954	77,196	66,663	60,846	63,166	47,482	88,115	39,849
Hickory	91,056	7,762	0	9,026	13,524	9,507	10,338	8,627	2,967	13,133	6,035
Yellow birch	1		!	-	One COL	1	5	1	1	1	!
Hard maple	637	1	!	Name (MA)	637	ł	***	1	1	*	1
Soft maple	235,264	31,917	33,533	31,007	32,071	26,671	26,290	22,166	13,267	17,677	999
peecn	1,599	1 0	667		501	483		1	5	116	-
Turolo and bloom	504,780	44,420	69,138	68,751	82,423	70,062	64,660	37,752	25,720	32,441	3,914
Ash	021,020	6 300	193,241 6 000	00,332	121,845	104,84/	78,805	78,455	39,550	41,880	12,546
Cottonwood	6 412	307	1 263	7,1217	13,077	65	000,8	7,450	5,475	10,213	1,100
Basswood	10 10 10 10 10 10 10 10 10 10 10 10 10 1		0 1	77767	07764	900 980			00/	100	!!!
Yellow-poplar	104.922	7.069	7.872	13,657	767 11	13,109	111.7111	10.276	13 413	25.0	363
Bay and magnolia	12,035	1.856	1,168	1.375	1 301	1 440	DV.	080	717	, ,	000
Black cherry	11,467	5.974	4.951	384	+ 1	120		8 1	(1)		0 1
Black walnut				1	•	1	99	Î	1	1	Water office
Sycamore	10,902	773	495		1	635	1,393	1.502	3,176	Ġ	ŧ
Black locust	!	1	1		700	1			. 1	Pi,	1
Elm	53,986	3,796	5,281	9,787	4,080	6,866	5,852	5,751	8,389	3,656	528
Other eastern							•			•	
hardwoods	104,717	29,746	22,323	16,044	12,453	6,381	6,576	3,539	2,634	4,118	903
Total hardwoods	2,764,748	264,079	322,739	361,031	396,75	343,330	298,366	243,563	178,163	273,923	82,797
							The same of the sa				

Table 35. --Volume of growing stock on timberland, by species and diameter chas, Southern Coastal Plain of South Carolina, 1987

	:			Di	Diameter class	s (inches	at breast	t height)			
Species	All	5.0-	7.0-	9.0- 10.9	11.0-	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0-28.9	29.0 and larger
	1 1 1] ; ;	1 1 1	1 1 1	Thousa	Thousand cubic	feet	! ! !	1 1 1	1 1 1	; ; ;
Softwood											
Longleaf pine	285,853	18,173	28,583	44,780	61,402	64,790	43,318	15,306	5,658	3,843	1
Slash pine	323,955	36,611	63,828	68,472	59,106	43,128	28,314	12,035	8,355	4,106	***
Shortlear pine	34,328	4,399	4,241	9,/08	10,554	183 451	11,456	3,966	/9/	28 250	787 7
Pond pine	115.802	6.802	11.548	16,985	20.890	22,635	10,861	8,785	7.877	8,421	966
Virginia pine					1	1	1	1	!	1	1
Pitch pine	!	1	1	!	}	1	1	1	1	!	1
Table Mountain pine	!	1	1	1	1	1	1	1	!	1	***
Spruce pine	19,648	284	789	2,235	585	2,502	2,876	3,794	969	5,248	639
Sand pine	!	1	1	I	1	!	!	!	1	1	1
Eastern white pine	!	!	1	1	1	1	!	1	1	!	1
Eastern hemlock	!	!	;	1	1	!	1	1	!	1	1
Spruce and fir	****	1			-	!	1	1			1
Baldcypress Pondcypress	152,945	3,424 5,065	6,488 10,184	14,806	14,011 10,477	20,014 13,591	19,234 5,706	16,309 6,074	17,910 $3,680$	32,928 2,238	7,821 2,823
Cedars	696	243	303	423		
Total softwoods	2,286,636	183,443	292,720	372,287	371,262	357,713	267,254	159,358	119,215	146,669	16,715
Hardwood											
Select white oaks	71,696	4,516	9,526	5,559	7,816	10,028	9,963	8,481	4,082	11,090	
Select red oaks	32,979	2,244	1,164	4,000	2,329	3,998	4,033	4,464	2,686	2,814	5,247
Chestnut oak	1	!	1		1	1	-	1	1	1	1
Other white oaks	58,078	2,989	3,559	7,628	4,644	3,545	4,438	5,461	Oι	15,523	3, /14
Uther red oaks	623,628	54,861	7,,512	79,854	12,329	62,553	56,399	58,139	45,392	81,099	35,490
Hickory	83,982	6,833	9,040	8,542	12,453	9,082	4,639	8,627	2,388	12,122	4,400
Tellow birch	! !			1 1		! !	! !				
Soft menle	183 10%	73 838	75 857	25 036	75 7.07	21 671	22 065	17 677	8 679	12 014	ŀ
Beech	483	7	100,02	`	`	483		10671	100	+10671	1
Sweetgum	480,697	44,786	65,381	65,493	79,542	68,035	63,824	34,231	25,202	30,684	3,519
Tupelo and blackgum	542,085	36,936	46,596	70,145	102,947	90,131	70,315	51,871	32,693	30,930	9,521
Ash	83,692	5,223	4,976	14,200	17,850	12,988	9,436	7,362	2,848	8,809	
Cottonwood	5,800	307	1,263	1,509	1,128	1	1	!	786	807	1
Basswood	1	1 1	1 1	1 1			1 :	1	1 4		1
Yellow-poplar	99,754	7,069	6,837	13,657	10,629	13,109	11,159	10,276	12,392	14,626	1
Bay and magnolia	6,961	882	1,168	873	864	1,073	866	510	-	593	!
Black cherry	6,568	3,82/	2,35/	384	1	1		1	1	1	1
black Walnut	1 7	1 6	100 mg	***		1 0	i	1 6	1 0	! 0	i
blast lesses	9,437	390	1		1	033	1,393	1,502	2,003	076'7	
MIN TOCKEST	44.663	3.408	3.657	8.781	3,720	6.185	5.244	4.276	7.069	2,323	1
Other eastern				10.60	, ,	1				,	
	33,988	2,289	4,822	4,759	4,240	4,857	4,968	2,587	1,890	3,576	
Total hardwoods	2,367,685	200,404	264,715	310,420	345,898	308,373	273,874	215,464	155,417	230,538	62,582
4 9 9 4			1	1						4	0
All species	4,654,321	383,847	557,435	682,707	717,160	980,999	541,128	374,822	274,632	377,207	79,297

Table 36.---Volume of sawtimber on timberland, by species and diameter class, Southern Coastal Plain of South Carolina, 1987

	F. C. Y			Diameter	class (inches	at	breast height)		
Species	All	9.0-	11.0-	13.0-	15.0-	17.0-	19.0-	21.0-28.9	29.0 and larger
	1 1	1 1 1 1		Tho	Thousand board	feet			
Softwood									
Longleaf pine	1,230,657	182,765	297,186	346,569	249,610	93,001	36,091	25,435	*
Shortleaf nine	1,000,192	253,718	2/0,553	225,691	161,956	73,165	53,531	28,178	
Loblolly pine	5.023.150	725 068	40,/44	56,970	63,/99	23,739	4,/26	10,534	
Pond pine	499,860	64.089	95, 928	116 954	60,403	52,625	4/1,2/1	595,285	',
Virginia pine		11	•	•	10,000	72,190	10,04	400,40	09669
Pitch pine	Ī	1	8	1	!	!	}	!	- 1
Table Mountain pine	1	1	1	9 01	;	;	1	!	
Spruce pine	104,062	9,047	2,874	13,012	15.641	22.063	4.177	32,926	4.3
Sand pine		,	1		•			11	
Eastern white pine	!	1	99	!	1		1		
Eastern hemlock	•	and the	1	1	i	!	i	1	1
Spruce and fir	Ex 02	1	1	i	ļ	1	;	1	1
Baldcypress	698,946	45,299	53	86,980	91,848	83,381	96.425	191,945	49.776
Pondcypress Cedars	251,911	41,099	m	59,822	27,673	promo	20,067	,03	19,047
Total softwoods	9,104,826	1,360,901	1,681,821	1,835,219	1,488,850	938,655	735,113	951,639	. 112,628
Hardwood									
Select white oaks	241,278	1	76.577	70 390	121 37	079 07	107 10	006 63	
Select red oaks	135,506	ţ	8,299	16,053	18,697	73 166	17, 427	17 776	3,757
Chestnut oak	1	1		1	100604	201624	104647	07/6/1	
Other white oaks	215,480	1	17,034	14,514	20,492	26.007	32,560	83.318	21.555
Other red oaks	2,041,469	1	273,174	271,049	268,151	294,755	242,418	466,369	
Hickory	279,060	1	43,219	37,357	43,364	42,054	13,419	71,481	28,166
Yellow birch	!	}	-	!	1	!			
Hard maple	!	1			1	}	!	1	alle Pris
Sort maple	440,884		83,070	82,334	93,002	80,072	41,368	61,038	1
מייי	1,45,535	***		1,853	***************************************	ı		1	-
Tunelo and blockers	1,412,210	1	286,222	290,081	307,600	178,845	140,364	185,081	24,017
Ach	700,47061	10 TH	326,240	343,773	304,208	244,580	164,943	171,287	59,531
Cortonwood	10,40,40/		27,523	31,068	40,641	34,602	14,270	48,383	Spin was
Racatood	110671	ŀ	2,0,5	Also men	!	i	4,181	4,758	
Vol 1 ommon 1 om	000 100	1	1 0	1 (1 ;	date day		1	
Barr ond mountil	367,939	1	37,089	58,163	54,926	55,255	70,933	91,573	
bay and magnoria	76/601	1	3,052	4,049	4,386	2,477	-	2,828	400 700
black cherry	1	1		1		-	44.40	ents tips	90 400
Diack walnut		One can	1	!	î	!	***		**
Sycamore Black 100.00	76T'55		010 GB	2,419	5,955	6,964	12,673	16,186	tops visite
Miach locust	107 701	1	1 00	1 1 0	1 0	B	1 1		1
Other eastern	124,090	1	12,983	23,937	22,599	19,469	33,912	11,798	•
hardwoods	98,812		14,880	19,550	21,851	12,466	9,533	20,532	í
Total hardwoods	7,293,838		1,193,034	1,256,590	1,251,043	1,061,360	816,500	1,315,666	399,645
	A COLUMN TO THE PROPERTY OF TH								
All species	16,398,664	1,360,901	2,874,855	3,091,809	2,739,893	2,000,015	1,551,613	2,267,305	512,273
					100		A STATE OF THE PARTY OF THE PAR		AND DESCRIPTION OF THE PROPERTY OF THE PROPERT

Table 37.--Volume of sawtimber on timberland, by species, size class, and tree grade, Southern Coastal Plain of South Carolina, 1987

		A11	size classes	es		П	Trees 15.0 inches d.b.h. and	ches d.b.h.	and larger	
Species	A11		Tree	grade		A11		Tree gr	grade	
	grades	1	2	3	4	grades	1	2	3	7
Softwood	1 1	1 1	1 1 1	# # # # # # # # # # # # # # # # # # #	Thousand b	board feet	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			The tax of the tax of the tax of tax
Yellow pinesa Eastern white pine ^b	8,152,498	8,152,498 1,513,864	1,387,750	5,250,884	! !	3,602,410	1,058,411	754,761	1,789,238	1 1
Spruce and firb Cypress ^c Other eastern softwoods ^b	950,857 1,471	375,520	237,653	312,507 1,471	25,177	624,475	375,520	149,920	87,687	11,348
Total	9,104,826	9,104,826 1,889,384	1,625,403	5,564,862	25,177	4,226,885	1,433,931	904,681	1,876,925	11,348
Hardwood ^c										
Select white and										
red oaks Other white and	376,784	114,318	129,160	115,812	17,494	285,465	114,318	108,366	57,496	5,285
red oaks	2,256,949	9	555,221	842,619	236,899	1,681,178	622,210	466,314	470,806	121,848
Hickory	279,060	68,544	69,861	105,238	35,417	198,484	68,544	58,079	46,409	25,452
Hard maple			! !		00 00	!	1	1	ete ma	***
Sweetgum	1,412,210	397,793	434,095	536,459	43,863	835,907	397,793	271,162	144,273	22,679
Asn, wainut, and black cherry	246,487	40,794	94,836	104,464	6,393	137,896	40,194	55,021	42.081	Î
Yellow-poplar	367,939	117,536	98,211	117,412	34,780	272,687	117,536	59,354	69,359	26,438
Other eastern hardwoods	2,354,409	470,593	728,713	1,012,639	142,464	1,432,597	470,593	505,003	359,423	97,578
Total	7,293,838	7,293,838 1,831,788	2,110,097	2,834,643	517,310	4,844,214	1,831,788	1,523,299	1,189,847	299,280
All species	16,398,664 3,721,172	3,721,172	3,735,500	8,399,505	542,487	9,071,099	3,265,719	2,427,980	3,066,772	310,628

For yellow pines, tree grade is based on "Southern Pine Tree Grades for Yard and Structural Lumber," Research Paper SE-40, published by the Southeastern Forest Experiment Station, Asheville, NC, 1968. Tree grade 4 does not apply to yellow pine.

^bFor other softwoods (excluding cypress), tree grade is based on "Tree Grades for Eastern White Pine," Research Paper NE-214, published by the Northeastern Forest Experiment Station, Broomall, PA, 1971.

^CFor hardwoods and cypress, tree grades 1, 2, and 3 are based on "Hardwood Tree Grades for Factory Lumber," Research Paper NE-333, published by the Northeastern Forest Experiment Station, Broomall, PA, 1976. Grade 4 trees are sawtimber trees not qualifying as tree Grades 1, 2, or 3. The butt log of these trees qualify as construction (tie and timber) logs based on "A Guide to Hardwood Log Grading (revised)," General Technical Report NE-1, published by the Northeastern Forest Experiment Station, Broomall, PA, 1971.

Table 38.---Cubic volume in the merchantable saw-log portion of sawtimber trees on timberland, by species and diameter class, Southern Coastal Plain of South Carolina, 1987

	114		Q	Diameter c	class (inches at	hes at br	breast height)	ht)	
Species	All	9.0-	11.0-	13.0-	15.0-	17.0-	19.0-	21.0-	29.0 and larger
	1 1	1			Thousand cubic feet	c feet -			
Softwood									
Longleaf pine	221,470	37,131	56,319		42,010	14,998	5,589	3,805	}
Slash pine	200,723	54,575	53,449	40,972	27,540	11,851	8,270	4,066	i
Shortleaf pine	42,351	8,005	9,663		11,154	3,917	160	1,618	
Loblolly pine	902,962	157,339	174,265		140,945	91,520	73,531	87,368	4,
Pond pine	910,16	13,844	19,134	21,646	10,592	8,676	7,799	8,338	987
Virginia pine	!	1	i	{	!	1	!	1	1
Fitch pine	!	}	1	**	1	1	!	!	!
Table Mountain pine	•	;	1	1	1	!	!	1	1
Spruce pine	17,710	1,775	542	2,377	2,775	3,727	689	5,193	632
Sand pine	-	i	!	i	1	1	-	!	-
Eastern white pine		1	I	1	1	!	1	1	•
Eastern hemlock	•	1	1	1	!	1	1	1	*
Spruce and fir		!	1	!		1	1	!	!
Baldcypress	129,655	10,715	11.824	17,922	17.741	15.297	16.981	31.598	7.577
Pondcypress	51,167	10,022	9,084	12,450	5,361	5,778	3,536	2,170	
Cedars	313	313	1		-		-		-
Total softwoods	1,657,367	293,719	334,280	337,823	258,118	155,764	117,155	144,156	16,352
Hardwood									
Select white oaks	45,238	!	5,487		8,745	7,696	3,822	10,657	613
Select red oaks	22,828	1	1,663		3,502	4,075	2,494	2,731	5,188
Chestnut oak	1	1	!		1	i	1	!	
Other white oaks	39,248	!	3,469		3,914	4,909	6,017	14,510	
Other red oaks	356,593	1	52,614	51,564	49,166	52,221	41,496	75,735	m
HICKOTY	51,433	!	9,049		8,406	7,787	2,386	11,977	4,291
nerrow birch	•	1	1	!	!	1	!	1	!
nard maple	1 0	1	1 6	! ;	1 :	1 1	1 1	1	i
Booch Rooch	67,588		17,391	17,160	18,/15	15,54/	1,762	11,013	
Sweeteim	257.756		56 235	76 027	072 95	31 679	23 860	70 777	7, 60
Tupelo and blackenm	323,158	1	73,707	73,627	61 172	76,667	30,003	20,012	
Ash	48,948		12,336	10.683	8,205	6.675	20,021	8 403	
Cottonwood	2,234	1	728	1			731	775	1
Basswood	1	1	1	-	ļ	1	: 1	. 1	!
Yellow-poplar	63,472	1	7,162	10.946	9,901	9.505	11,737	14,221	-
Bay and magnolia	3,445	1	651	868	887	476		563	-
Black cherry	1	1			1	: 1	!	}	1
Black walnut	-	!	!	1	!	ļ	!	!	1
Sycamore	8,049	1	100 800	167	1.169	1,318	2.326	2.745	1
Black locust	1	!	1	1 1					1
Elm	24,245	ł	2,675	4,911	4,475	3,744	6,324	2,116	1
Other eastern	7 603		6	,			,	6	
IISTOMOODS	11,9393	;	2,916	3,733	4,0/3	2,183	1,638	3,050	
Total hardwoods	1,352,227	1	246,083	252,062	239,070	194,407	143,269	217,322	60,014
All species	3,009,594	293,719	580,363	589,885	497,188	350,171	260.424	361,478	76.366
AND CONTRACTOR OF THE PROPERTY			-	-			,	. ,	-

Table 39. -- Total volume of live trees on timberland, by species and diameter class, Southern Coastal Plain of South Carolina, 1987

	To the second se			AA-vija se Sinavoliaje dikupa para pana adimpoliaje kapi kapi kapi	D	Diameter cla	class (inches	at breast	height)				With manifold by the property of the property
Species	classes	1.0-	3.0-	5.0-	7.0-	9.0-	11.0-	13.0-	15.0-	17.0-	19.0-	21.0-	29.0 and larger
	# E E	1 1 1			, 600 XX	- Thousand	cubic	feet	tites also come give	us delte läter åren dem	Sino SEP SSO, SIN SIN SIN	K GALL dans Mile stim	dige you doe date the second s
Softwood													
clear pine	355,203	4,775	17,899	25,906	35,191	52,247	69,792	73,060	48,615	17,124	6,312	4,282	88 6 007
Shortleaf pine	410,124	4,322	19,690	52,492	78,026	11 232	12,006	48,866	31,694	13,425	9,300	4,561	ess and
Loblolly pine	1,598,433	30,367	75,309	159,922	204,722	237.619	223,871	2017	164,667	105,892	83.957	49.266	796.4
Pond pine	143,592	619	4,813	9,932	14,200	20,638	24,007	26,614	12,737	9,959	9,425	9,523	1,125
Virginia pine		1	-	***		1	000 000		and a second	too na	1	uate Miles	man days
Pitch pine	ŧ î	Ann arts	tion map	data data	tion ten	1	du use	****	į	1	1	T is	B (
Table Mountain pine	£ .		en en en	illus est		1	1					1	deals quan
Sand nine	110,02	340	315	389	1,466	2,596	199	2,838	3,251	5,132	1,416	5,886	715
Eastern white nine		game affect	8.00						1000		white (prop)	siding mean	age out
Eastern hemlock		was diffe	1 1	also deser		1 00	No de de	000 NO	200 AUG		April 1000	1 1	
Spruce and fir	sade onto	does gave	***	since ways	1	-	1	10	dato item		and any	Made map	000 140
Baldcypress	195,255	1,195	3,538	5,072	9,077	18,332	7	4,74	23,955	Ph.	6h	39,390	11,122
Ponacypress Cedars	103,229	2,052	2,861	8,949	15,296	17,121 501	13,503	17,726	00 I	7,632	4,609	2,796	3,499
Total softwoods	2,898,042	43,958	126,827	269,213	363,476	440,044	428,950	410,361	305,023	183,909	137,342	167,536	21,403
Hardwood													
Select white oaks	102,202	2,721	4,183	7,383	12,713	7,044	10,850	12,929		11,243	5,050	14,933	779
Select red oaks	46,294	545	3,355	3,450	1,947	5,006	2,889	4,944	4,967	5,487	3,296	3,451	6,957
Other white cake	137 254	2 080	8 10%	7 200	1000	001	1 0	1100	1 -	100000	1 0	1 0	1 11
Other red oaks	973,493	42,894	62,671	92.693	111.569	109.208	9,332	83.582	75,998	78 719	12,200	100 385	12,233
Hickory	127,143	5,551	6,918	12,110	13,381	11,341	16,628	11,549	500	10,384	3,621	15,755	7,366
Yellow birch	ppod vello	1	1	***	Other state	Bay was	1		do de	ware audit		(pp) then	600 April
Hard maple	853	80	1 1			(773		1		1	lisp the	1
Beech	209,334	799,667	1/9,64	45,806	42,403	37,850	39,127	32,117	31,518	26,503	16,065	21,397	1,210
Sweetgum	689,277	33,269	51,878	73,854	86,068	81,335	95,527	80,323	73,706	42,986	29,193	36.707	4.431
Tupelo and blackgum	893,202	28,001	38,972	71,489	77,087	108,702	33				\sim	52,927	16,650
Ash Coffonwood	137,947	11,051	12,858	9,555	8,599	20,453	22,143	16,790	10,951	8,563	3,951	11,669	1,364
Basswood		7	100	101	7,700	TC0 67	1,320	men see	man man	tone days	906	276	Many safe
Yellow-poplar	128,784	2,034	6,259	9,181	9,410	15,745	13,094	14,828	13,187	11,542	15,113	17,952	439
Bay and magnolia	22,129	5,590	1,253	2,762	1,468	1,686	1,660	1,712	1,170	1,149	19	· Q	1,119
Black cherry	30,023	7,359	7,649	8,250	6,115	457	100	193	man man		stern items	4	1
Curomono	1000	1 3	dans last	1 1 1	1 0	nga ma	Gas des	1 0	1 :	1	1 1	4	NAME AND
Black locust	12,001	40 1	many oppo	1,040	986	Office and of	Mars 100 000	/39	1,61/	1,740	3,672	3,381	group plane
Elm	74,274	2,868	5,801	5,621	6,614	11,799	4,845	8,139	998.9	6,833	9,813	4.462	613
Other eastern										•			
hardwoods	255,655	55,092	61,989	44,381	29,025	20,097	15,344	7,805	7,977	4,508	3,311	4,916	1,210
Total hardwoods	4,011,725	230,439	318,315	395,276	416,203	446,942	483,685	415,005	359,531	294,847	214,874	332,274	104,334
All species	6,909,767	274,397	445,142	684.499	779.679	886.986	912,635	825.366	664.554	478.756	352.216	499 810	125 737
			-					A C C C C C C C C C C C C C C C C C C C			7 4 m K m 7 7	242622	4479101

Table 40. -- Green weight of forest biomass on timberland, by species and diameter class, Southern Coastal Plain of South Carolina, 1987

	7				Di	ameter cl	ass (inches	at breast	height)				
Species	All classes	1.0-2.9	3.0-	5.0-	7.0-	9.0-	11.0-	13.0-	15.0-	17.0-	19.0-	21.0-28.9	29.0 and larger
	the farm one type this					- Hundred	thousand po	spunod	tijes tata pap pam dati		NAME AND MADE OF THE OWNER OWNER OF THE OWNER OWNE	the same and the s	
Softwood													
Longlear pine	279,674	3,845	15,240	18,279	26,841	40,676	55,306	58,335	38,927	13,748	5,056	3,421	-
Shortlesf nine	314,899 7,5 878	5,503	18,141	37,499	59,304	01,168	52,345	37,729	24,315	10,23/	7,123	3,535	
Loblolly nine	1 1/6 650	17. 667.	1,4,4,7	112 605	150 516	0,000,	162 070	160,109	110,600	72 00 CT	610012	1,920	2 607
Pond pine	101,110	340	2,691	6.767	9,998	14.637	17,112	19,002	9,227	7,064	6.722	6,765	806
Virginia pine		!		: 1						1			
Pitch pine		9	!		*	1	1	1	!	i	-	1	!
Table Mountain pine	!	!	!	1	1	1	i	1	1	1	1	ı	1
Spruce pine	17,547	244	280	216	937	1,767	997	2,018	2,304	3,648	1,001	4,150	516
Sand pine		1	•	1	1	100	!	-	**	***	*	!	1
Eastern white pine	-		!	!	1	1	1	1	;	!	i	!	1
Eastern hemlock	Br G	1	***	!	•	!	1	!	1	1	1	1	
Spruce and fir	1 0	1 4	1 ;	1 .	!	1	1	1	!	1	1		-
baldcypress Pondcypress Cedars	149,887 66,686 1,073	595 1,013 95	2,225 1,816 	2,543 4,183 287	5,606 8,357 306	12,532 10,558 385	12,409 8,897	18,750 12,360 	18,852 5,196	16,179 5,636 	17,512	32,997 2,194	9,687 2,978
Total softwoods	2,123,413	24,375	86.334	187,239	265,332	323.365	318,924	306.656	227.823	136.816	102.602	126.353	17.594
Hardwood													
Select white oaks	83,673	2,214	3,148	5,161	9,751	5.783	8.837	10.817	10.430	9.584	4.285	12,963	700
Select red oaks	39,174	452	2,582	2,292	1,463	4,025	2,412	4,207	4,293	4,837	2,899	3,187	6,325
Chestnut oak		1		•			1					1	1
Other white oaks	120,772	2,374	5,968	4,779	5,761	-	8,659	8,377	8,262	11,808	11,490	30,236	11,773
Other red oaks	768,866	36,863	46,926	65,931	88,670	86,496	78,598	67,537	61,501	63,809	46,949	87,061	38,525
nickory Vellow hirch	105,360	4,830	6,116	8,819	10,230	9,308	13,454	9,575	10,358	8,854	3,170	13,882	6,764
Hard maple	729	67	1	9	!!		662	1 1	: !	1 1	1 1	1 1	
Soft maple	264,259	22,525	32,567	31,413	31,329	26,936	28,089	23,188	22,552	18,642	11,396	14.819	803
Beech	1,905	240	1	1	446			•				22	1
Sweetgum	491,521	21,984	34,370	46,857	60,027	57,739	69,577	58,904	55,123	32,663	22,317	28,447	3,513
Tupelo and blackgum	609,904	19,056	26,662	34,633	46,446	5	102,010	90,751	71,512	54,154	36,954	42,860	14,892
Cortonwood	5 7/6	0,742	0,090	0,949	7,8/8	12,361	13,142	71566	6,157	4,/85	2,107	75	625
Basswood	2160	t !	T /	007	77067	15/61	206	! !	100 III	1 1	/ #0	0/0	
Yellow-poplar	90,841	1,503	4,185	5,614	6,332		9,217	10,658	9,482	8,365	11,085	13,236	339
Bay and magnolia	13,445	3,191	734	1,564	876	1,098	1,047	1,088	721	751	406	1,263	706
Black cherry	17,811	3,537	5,122	4,777	3,900	316		159	1	e	OPE AND		Total Name
Black walnut	min een	1	1	1	Japan Willer	em 152	Bas Main	***************************************	***	1	*	B	
Sycamore	9,295	42	6	525	370		Bar 000	518	1,150	1,284	2,793	2,613	
Elm	47.834	2.068	4.017	3,382	138	7 1/40	3 070	7 225	7, 30.9	809 /	4 300	0 038	877
Other eastern		000	106	en.	en.	C++6/	•	4 4 4	es.	4,000	, ,	2	1
hardwoods	222,668	48,331	58,196	40,581	25,730	16,137	11,949	6,051	5,865	3,276	2,345	3,325	882
Total hardwoods	2,976,172	176,073	239,154	263,527	302,358	321,169	352,108	307,137	271,798	227,420	165,242	263,661	86,525
All species	5,099,585	200,448	325,488	450,766	567,690	644,534	671,032	613,793	499,621	364,236	267,844	390,014	104,119
		And a segment of the latest and the section of the	AND THE PROPERTY OF THE PROPER	ANNI CONTROL C	AND THE RESIDENCE OF THE PROPERTY AND THE PROPERTY OF THE PROP	Christian de la Contraction de la companya del companya de la companya de la companya del companya de la compan	•	1	_	,	,		

Table 41.--Net annual growth and removals of live timber and growing stock on timberland, by species, Southern Coastal Plain of South Carolina, 1986

	Live	timber ^a	Growing	g stock
Species	Net annual growth	Annual timber removals	Net annual	Annual timber
	growin	removals	growth	removals
	delitis auniti erros soco	- Thousand	cubic feet -	to taken water taken which
Softwood		 Other original and a state of the state of t	chteriorgeniers en Anneberskinsalinuurigsvirinsalinud Appelulation Audus	
Yellow pines	122,614	127,842	120,662	122,994
Eastern white pine	essence annices.	wings stores	epolity states	Applies MODING
Spruce and fir	Autora whileth	couse nimber	atonia ritolio	many where
Cypress	4,347	2,654	4,267	2,590
Other eastern softwoods	17		17	
Total softwoods	126,978	130,496	124,946	125,584
Hardwood				
Select white and				
red oaks	3,224	4,762	3,202	4,477
Other white and	-,	.,	-,	.,
red oaks	23,137	12,845	22,575	11,481
Hickory	1,489	1,554	1,453	1,554
Yellow birch	name 4444	sage entry	AND STREET	wood electric
Hard maple	georgi	angge entires	Medicia MARIN	Application regards
Sweetgum	13,382	14,267	13,194	13,170
Ash, walnut, and				
black cherry	2,282	2,236	2,100	2,056
Yellow-poplar	4,123	2,514	4,083	2,255
Tupelo and blackgum	5,976	4,805	5,712	4,223
Bay and magnolia	256	alasala kalinna	233	questip criticia
Other eastern hardwoods	10,598	6,258	9,590	3,223
Total hardwoods	64,468	49,241	62,142	42,439
All species	191,446	179,737	187,088	168,023

^aMerchantable portion only.

Table 42.--Net annual growth and removals of sawtimber on timberland, by species, Southern Coastal Plain of South Carolina, 1986

	Net	Annual
Species	annual	timber
-	growth	removals
	Thousand	board feet
Softwood		
Yellow pines	553,508	468,239
Eastern white pine	-	
Spruce and fir	Month States	
Cypress	23,367	11,258
Other eastern softwoods	202	***
Total softwoods	577,077	479,497
Hardwood		
Select white and		
red oaks	13,543	14,894
Other white and		
red oaks	87,459	34,952
Hickory	5,491	6,039
Yellow birch	AND (MD)	
Hard maple	400 MG	comp ex ⁴⁰
Sweetgum	46,727	38,790
Ash, walnut, and		
black cherry	5,561	8,178
Yellow-poplar	21,305	11,314
Tupelo and blackgum	23,726	12,639
Bay and magnolia	461	607F
Other eastern hardwoods	32,476	7,155
Total hardwoods	236,749	133,961
All species	813,826	613,458

Table 43.--Annual removals of growing stock on timberland, by species and diameter class, Southern Coastal Plain of South Carolina, 1986

	~	Contribution of Contribution o		Di	Diameter c	class (in	(inches at	breast he	height)	ACTION COMPANY OF BRIDGE STATES OF THE STATE	
Species	classes	5.0-	7.0-	9.0-	11.0-	13.0-	15.0-	17.0-	19.0-	21.0-	29.0 and larger
7				CONTRACTOR	Thousand	sand cubic	c feet				
Soltwood Yellow pines Eastern white pine	122,994	8,878	19,125	24,160	21,390	18,315	11,421	11,163	4,133	4,100	309
Spruce and fir Cypress Other eastern softwoods	2,590	1 80 1	221	the state of the s	269	548	169	307	296	691	† † † † † †
Total softwoods	125,584	8,967	19,346	24,160	21,659	18,863	11,590	11,470	4,429	4,791	309
Hardwood Select white and											
red oaks Other white and	4,477	134	487	592	394	227	1,228	844	275	296	FIGUR Quan
red oaks Hickory	11,481	1,679	1,467	975	1,482	1,350	1,719	629	457	909	764
Yellow birch		Gape Calle	Opport dates)				tess com	0 1	0 1	
Sweetgum	13,170	1,353	1,355	2,185	1,512	2,381	1,046	1,038	725	1,575	1 1
black cherry	2,056	271	copy tida	9	143	279	432	296	141	767	Mary street
Yellow-poplar	2,255	106		100	days error	145	341	743	181	324	315
inpelo and blackgum Bay and magnolia	4,223	240	453	439	480	1,662	357	E	270	203	use eas
Other eastern hardwoods	3,223	350	645	558	426		155	448	460	181	oom vaab
Total hardwoods	42,439	4,349	4,407	4,945	4,564	6,274	5,534	4,161	2,807	4,138	1,260
All species	168,023	13,316	23,753	29,105	26,223	25,137	17,124	15,631	7,236	8,929	1,569

Table 44.--Mortality of live timber, growing stock, and sawtimber on timberland, by species, Southern Coastal Plain of South Carolina, 1986

Species	Live timber ^a	Growing stock	Sawtimber
	Thou	sand	Thousand
		feet	board feet
Softwood	electrophysics and underlying responsible responsibility or responsibility or responsibility or responsibility	orsa colitile 40000co mino delli ronditty più minose	
Yellow pines	20,003	18,910	55,272
Eastern white pine	20,000		
Spruce and fir	Gappin 40'est	esse min	auto essa
Cypress	974	929	2,638
Other eastern softwoods	73	73	san can
Total softwoods	21,050	19,912	57,910
Hardwood			
Select white and			
red oaks	690	541	1,720
Other white and			
red oaks	10,854	7,531	19,370
Hickory	775	738	2,863
Yellow birch	estate those	annis auto	acolido monde
Hard maple	0.054	0.267	~ 000
Sweetgum	2,956	2,367	7,839
Ash, walnut, and	1,234	738	2,465
black cherry Yellow-poplar	116	116	2,400
Tupelo and blackgum	3,889	2,131	5,274
Bay and magnolia	168	ing LIL	J 9 & 1 4
Other eastern hardwoods	7,220	2,994	6,889
Total hardwoods	27,902	17,156	46,420
All species	48,952	37,068	104,330

^aMerchantable portion only.

Table 45.--Change in number of live trees on timberland, by species group, survey completion date, and diameter class, Southern Coastal Plain of South Carolina

Species group	~		Dia	Diameter class (inches at breast height)	ss (inche	s at bre	ast heig	ht)	
and year	classes	1.0-2.9	3.0-	5.0-	7.0-	9.0-	11.0-	13.0-	15.0 and larger
	Se Se Se SE			Thousand	sand trees		, the the test set		
Vellow pine 1978	505,618	169,564	122,685	85,437	56,098	33,068	18,935	10,197	9,634
1987	458,727	173,103	107,546	67,957	41,989	27,894	17,716	11,237	11,285
Change	-16,304	+3,539	-15,139	-17,480	-14,109	-5,174	-1,219	+1,040	+1,651
Other softwood									
1978	33,528	16,794	3,824	3,145	2,968	2,367	1,405	1,262	1,763
1987	30,587	13,299	4,838	2,562	2,806	2,315	1,346	1,369	2,052
Change	-2,941	-3,495	+1,014	-583	-162	-52	-59	+107	+289
Hardwood									
1978	1,746,808	1,216,745	283,379	106,747	55,081	32,431	21,169	12,873	18,383
1987	1,458,822	981,062	240,697	98,941	52,554	31,253	21,689	12,809	19,817
Change	-287,986	-235,683	-42,682	-7,806	-2,527	-1,178	+520	79-	+1,434
				THE RESIDENCE AND PARTY OF THE PERSON NAMED AND PARTY OF THE PERSO		Annual Control of the	STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.		

Table 46.--Land area, by land use class, major forest type, and survey completion date, Southern Coastal Plain of South Carolina

Land use class	Survey	completion	date	Change
Land use class	1968	1978	1987	1978-1987
	elicin scot sche andi que	<u>Ac</u>	res	
Forest land Timberland:				
Pine and oak-pine types Hardwood types	1,692,540 1,571,727	1,759,416 1,463,968	1,764,504 1,398,186	+5,088 -65,782
Total	3,264,267	3,223,384	3,162,690	-60,694
Reserved timberland Woodland	4,900 2,219	17,001	11,688	-5,313
Total forest land	3,271,386	3,240,385	3,174,378	-66,007
Nonforest land				
Cropland	1,129,294	1,156,172	1,088,507	-67,665
Pasture and range	190,904	128,170	125,389	-2,781
Other	521,250	571,222	704,615	+133,393
Total	1,841,448	1,855,564	1,918,511	+62,947
All land ^a	5,112,834	5,095,949	5,092,889	-3,060

a Excludes all water areas.

Table 47.--Volume a of sawtimber, growing stock, and live timber on timberland, by species group, survey completion date, and diameter class, Southern Coastal Plain of South Carolina

## SAMPLINGER (in thousand board feet) Softwood Softwo	Species	,			Di	Diameter class (inches	at	breast height)			
\$,631,765 926,314 1,210,838 1,129,915 856,222 668,394 378,283 8,202,175 1,314,206 1,727,836 1,606,470 1,223,787 847,492 556,447 9,104,826 1,314,206 1,727,836 1,606,470 1,223,787 847,492 556,447 9,104,826 1,360,901 1,681,821 1,835,219 1,488,850 938,655 735,113 5,492 1,293,833 778,767 546,922 7,293,838 1,104,986 1,205,522 1,206,470 1,223,787 1,061,360 816,500 1,233,838 778,767 546,922 1,206,482 2,207,781 241,803 255,183 269,799 223,923 1156,131 104,986 62,640 2,220,444 225,161 371,875 377,283 318,368 223,445 119,215 1,840,426 155,782 216,040 269,422 259,612 254,422 266,845 206,435 119,215 2,206,605 1183,443 205,914 305,918 318,368 207,713 266,845 200,404 264,715 310,420 245,898 308,774 266,845 200,404 264,715 310,420 345,898 308,774 266,768 116,247 241,359 391,777 428,130 318,338 321,677 266,768 116,247 241,359 391,777 428,130 313,338 321,677 266,768 116,267 269,768 2,335,447 248,1359 291,170 375,922,263 244,343 225,7013 147,075 92,730 2,745,44 224,748 291,293 337,567 320,875 344,339 291,787 325,757 343,567 231,677 241,349 225,757 343,567 231,677 241,348 221,744 224,748 221,744 224,748 224,749 224,749 224,330 244,748 224,748 224,748 224,749 224,749 224,749 224,749 224,748 22	group and year	All	5.0-	7.0-	9.0- 10.9	11.0-	13.0-	15.0-	17.0-	19.0-	21.0 and larger
5,631,765 926,314 1,210,858 1,129,915 856,222 608,394 378,283 8,202,175 1,314,206 1,727,836 1,666,470 1,223,787 847,492 556,447 9,106,826 1,314,206 1,727,836 1,666,470 1,223,787 847,492 556,447 9,106,826 1,360,901 1,681,621 1,488,850 938,655 735,113 5,493,838 1,960,962 1,206,147 1,195,395 778,767 566,922 1,195,388 1,195,395 1,033,319 953,883 778,767 566,921 7,293,838 1,195,395 1,205,447 1,195,395 1,613,60 816,500 1,039,338 1,266,539 1,225,044 1,225,044 1,225,044 1,225,044 1,225,044 2,225,044 2,225,044 2,225,044 2,225,044 2,225,044 2,225,044 2,225,045 2,206,635 2,206,040 2,225,720 2,242,044 2,225,183 2,242,040 2,24		iddeniały o opława para i może i waka na	medicinal de constante de como constante de constante de constante de constante de constante de constante de c		SAWTIM	BER (in thous		t)		endina eles ema eles dina dia como la media en en eles de eles	Antida, como de la casa de la como de la casa de la como de la com
5,631,765 926,314 1,210,858 1,129,915 856,222 608,394 378,283 8,202,115 1,366,906 1,727,836 1,666,407 1,223,787 847,492 556,447 9,106,825 1,366,908 1,035,219 953,883 778,767 556,922 6,666,085 1,069,562 1,206,147 1,195,395 778,767 566,922 7,292,044 225,161 371,875 725,183 229,744 225,161 371,875 735,183 229,744 225,161 371,875 395 311,262 31,267 147 1,195,395 1,061,360 816,500 816,500 82,222,22,246 225,161 371,875 31,287 3	Softwood										
8,200,175 1,514,206 1,727,336 1,606,470 1,223,787 847,492 556,447 9,004,826 1,360,901 1,681,821 1,833,219 1,488,830 938,655 735,113 6,666,085 1,966,008 1,220,783 718,675 26,922 1,069,562 1,206,47 1,195,395 943,222 676,991 7,293,838 1,069,562 1,206,447 1,195,395 943,222 676,991 7,293,838 1,193,034 1,256,590 1,251,043 1,061,360 816,500 816,5	1968	5,631,765	** Da		926,314	1,210,858	1,129,915	856,222	608,394	378,283	521.779
9,104,826	1978	8,202,175	-	!	1,514,206	1,727,836	1,606,470	1,223,787	847,492	556,447	725,937
5,459,184 880,085 1,033,319 953,883 778,767 546,922 6,666,085 1,069,562 1,206,147 1,195,395 943,222 676,391 7,293,838 1,193,034 1,256,590 1,251,043 1,061,360 816,500 1,606,482 210,781 241,803 255,183 269,799 223,923 156,131 104,986 62,640 2,292,044 225,161 371,875 417,139 388,933 318,368 223,445 145,247 39,218 2,286,636 183,443 292,720 372,287 259,612 254,826 208,135 156,725 119,215 2,206,605 185,975 253,914 305,918 315,500 297,448 200,445 119,215 2,367,685 200,404 264,715 310,420 345,898 308,373 273,874 115,464 155,417 1,652,277 225,765 254,301 261,834 274,305 226,272 158,807 161,826 120,836 2,351,47 241,359 391,177 4,28,150 31,338 321,677 227,013 147,075 92,730 2,292,263 245,833 291,177 4,28,150 31,338 321,677 227,013 147,075 92,730 2,322,263 245,834 291,913 337,567 320,499 221,981 181,487 119,565 2,764,748 264,079 322,733 344,343 36,757 344,343 289,366 24,3563 178,163 178,163	1987	9,104,826		ages more	1,360,901	1,681,821	1,835,219	1,488,850	938,655	735,113	1,064,267
5,665,085	Hardwood	0 1					,				
CROWING STOCK (in thousand cubic feet) 1,606,482	1968	5,459,184	date date	dia em	400 400	880,085	1,033,319	953,883	778,767	546,922	1,266,208
GROWING STOCK (in thousand cubic feet) 1,606,482	1978	6,666,085	- 1	144 VIII		1,069,562	1,206,147	1,195,395	943,222	676,391	1,575,368
1,606,482 210,781 241,803 255,183 269,799 223,923 156,131 104,986 62,640 22,220,044 225,161 371,875 417,139 384,953 318,368 223,145 146,247 92,138 119,215 1						+00,001,1	196709730	1,471,045	7,001,300	000,000	1,11,11,111
1,606,482 210,781 241,803 255,183 269,799 223,923 156,131 104,986 62,640 22,292,044 225,161 371,875 417,139 384,953 318,368 223,145 146,247 92,138 119,215 2,286,636 183,443 292,720 372,287 371,262 357,713 267,254 159,358 119,215 119,215 11,840,426 155,782 216,040 269,422 259,612 254,826 208,135 156,725 103,623 2,206,605 185,975 253,914 305,918 315,500 297,443 260,845 189,808 128,158 2,206,605 200,404 264,715 310,420 345,898 308,373 273,874 215,464 155,417 2,367,685 200,404 264,715 310,420 345,898 308,373 273,874 215,464 155,417 2,355,147 241,359 31,177 428,150 391,338 321,677 268,768 161,826 120,836 11,826 227,013 37,507 320,876 245,183 291,913 337,567 320,876 294,999 231,981 181,487 119,565 2,745,240 264,748 264,079 322,739 36,757 320,836 245,330 296,846 264,079 322,745,240 264,079 322,745,240 264,079 322,745,240 264,079 322,745,240 264,079 322,745,240 264,079 322,745,240 264,079 322,739 36,757 320,836 245,330 296,844 147,340 332,757 320,836 245,533 178,163 33					GROWING	STOCK (in tho	usand cubic f	eet)			
1,606,482 210,781 241,803 255,183 269,799 223,923 156,131 104,986 62,640 2,222,044 225,161 371,875 417,139 384,953 318,368 223,145 146,247 92,138 119,215 1,840,426 183,443 292,720 269,422 259,612 254,826 208,135 156,725 103,623 2,206,605 185,975 253,914 305,918 315,500 297,443 260,845 189,808 128,158 2,206,605 200,404 264,715 310,420 345,898 308,373 273,874 215,464 155,417 241,359 391,177 428,150 297,470 225,765 259,407 226,772 225,765 259,110 375,923 313,407 268,768 161,826 120,836 11,845,22,27,23 245,183 291,919 333,567 320,876 294,999 231,981 181,487 119,565 2,744,748 264,079 322,739 361,031 396,757 343,330 228,366 243,563 118,163 33,176 264,778 363,058 264,079 322,748 264,079 322,739 361,031 396,757 343,330 228,366 243,563 118,163 33,176 264,778 264,77	Softwood										
2,292,044 225,161 371,875 417,139 384,953 318,368 223,145 146,247 92,138 1 1 2,286,636 183,443 292,720 372,287 371,262 357,713 267,254 159,358 119,215 1 1,840,426 155,782 216,040 269,422 259,612 254,826 208,135 156,725 103,623 2 2,206,605 185,975 253,914 305,918 315,500 297,443 260,845 189,808 128,158 2 2,367,685 200,404 264,715 310,420 345,898 308,373 273,874 215,464 155,417 2 2,367,685 200,404 264,715 310,420 345,898 308,373 273,874 215,464 155,417 2 2,357,685 254,301 261,834 274,305 226,272 158,807 105,557 63,058 2,355,147 241,359 391,177 428,150 391,338 321,677 227,013 147,075 92,730 1 2,355,147 241,359 391,177 428,150 391,338 321,677 268,768 161,826 120,836 1 2,310,795 343,280 383,176 389,902 344,343 290,684 219,784 147,840 3 32,744,784 264,779 322,739 311,81,487 119,565 2,746,748 264,779 322,739 361,031 396,757 343,330 298,366 243,563 178,163 3 37,567 343,330 298,366 243,563 178,163 3 37,567 343,330 298,366 243,563 178,163 3 37,567 343,330 298,366 243,563 178,163 3 37,567 343,330 298,366 243,563 178,163 3 37,567 343,330 298,366 243,563 178,163 3 37,567 343,330 298,366 243,563 178,163 3 37,567 343,330 298,366 243,563 178,163 3 37,567 343,330 298,366 243,563 178,163 3 37,567 343,330 298,366 243,563 178,163 3 37,567 343,330 298,366 243,563 178,163 3 37,567 343,330 244,343 330 298,366 243,563 178,163 3 37,567 343,330 244,343 330 298,366 243,563 178,163 3 37,567 343,330 244,343 330 298,366 243,563 178,163 3 37,567 343,330 244,343 330 298,366 243,563 178,163 3 37,567 343,330 244,343 330 244,343 330 244,343 330 244,343 330 244,343 330 244,343 330 244,343 343,340 343,340 343,340 343,340 343,340 343,340 344,343 343,340 344,343 343,340 344,343 343,340 344,343 344,343 344,344 34	1968	1,606,482	210,781	241,803	255,183	269,799	223,923	156,131	104.986	62.640	81,236
2,286,636 183,443 292,720 372,287 371,262 357,713 267,254 159,358 119,215 1,840,426 155,782 216,040 269,422 259,612 254,826 208,135 156,725 103,623 2,206,605 185,975 253,914 305,918 315,500 297,443 260,845 189,808 128,158 2,367,685 200,404 264,715 310,420 345,898 308,373 273,874 215,464 155,417 LIVE TIMBER (in thousand cubic feet) 1,652,277 225,765 254,301 261,834 274,305 226,272 158,807 105,557 63,058 2,355,147 241,359 391,77 428,150 391,338 321,677 227,013 147,075 92,730 2,355,147 241,359 391,77 428,150 391,338 321,677 227,013 147,075 92,730 2,355,147 245,183 297,110 375,923 373,407 268,768 161,826 120,836 2,745,246 291,959 343,280 383,176 389,902 344,343 290,684 219,784 147,840 2,764,748 264,079 322,739 361,031 396,577 343,330 298,366 243,563 178,163	1978	2,292,044	225,161	371,875	417,139	384,953	318,368	223,145	146,247	92,138	113,018
1,840,426 155,782 216,040 269,422 259,612 255,826 208,135 156,725 103,623 2,206,605 185,975 253,914 305,918 315,500 297,443 260,845 189,808 128,158 2,200,404 264,715 310,420 345,898 308,373 273,874 215,464 155,417 2,367,685 200,404 264,715 310,420 345,898 308,373 273,874 215,464 155,417 225,765 254,301 261,834 274,305 226,272 158,807 105,557 63,058 2,355,147 241,359 391,177 428,150 391,338 321,677 227,013 147,075 92,730 12,292,263 245,183 291,913 337,567 320,876 294,999 231,981 181,487 119,565 2,745,246 291,959 343,280 383,176 389,902 344,343 228,366 243,563 178,163 332,754,748 264,079 322,739 361,031 396,757 343,330 228,366 243,563 178,163 33	1987	2,286,636	183,443	292,720	372,287	371,262	357,713	267,254	159,358	119,215	163,384
1,840,426 155,782 216,040 269,422 259,612 255,826 208,135 156,725 103,623 2 2,206,605 185,975 253,914 305,918 315,500 297,443 260,845 189,808 128,158 2 2,367,685 200,404 264,715 310,420 345,898 308,373 273,874 215,464 155,417 2 2,367,685 200,404 264,715 310,420 345,898 308,373 273,874 215,464 155,417 2 LIVE TIMBER ^b (in thousand cubic feet) 1,652,277 225,765 254,301 261,834 274,305 226,272 158,807 105,557 63,058 2,355,147 241,359 391,177 428,150 391,338 321,677 227,013 147,075 92,730 12,292,263 245,183 291,110 375,923 373,407 359,407 268,768 161,826 120,836 119,565 2,745,246 291,959 343,280 383,176 389,902 344,343 290,684 219,784 147,840 3 2,764,748 264,079 322,739 361,031 396,757 343,330 288,366 243,563 178,163 3 3	Hardwood	4									
2,200,605 105,975 253,914 305,918 315,500 297,443 260,845 189,808 128,158 2 2 2,367,685 200,404 264,715 310,420 345,898 308,373 273,874 215,464 155,417 2 2 25,765 254,301 261,834 274,305 226,272 158,807 105,557 63,058 2 2,355,147 241,359 391,177 428,150 391,338 321,677 227,013 147,075 92,730 1 2 2,292,263 245,183 291,913 337,567 320,876 294,999 231,981 181,487 119,565 2 2,745,246 291,959 343,280 383,176 389,902 344,343 229,684 219,784 147,840 3 2,764,748 264,079 322,739 361,031 396,757 343,330 288,366 243,563 178,163 3 3 3 2,700,757 246,748 264,079 322,739 361,031 396,757 343,330 288,366 243,563 178,163 3 3 3 2,700,700 20,700,700	1968	1,840,426	155,782	216,040	269,422	259,612	254,826	208,135	156,725	103,623	216,261
LIVE TIMBER ^b (in thousand cubic feet) LIVE TIMBER ^b (in thousand cubic fee	1987	2,200,003	200.404	253,914	305,918	345,500	308 373	260,845	189,808	128,158	269,044
LIVE TIMBER ^b (in thousand cubic feet) 1,652,277 225,765 254,301 261,834 274,305 226,272 158,807 105,557 63,058 2,355,147 241,359 391,177 428,150 391,338 321,677 227,013 147,075 92,730 2,310,795 188,538 297,110 375,923 373,407 359,407 268,768 161,826 120,836 2,292,263 245,183 291,913 337,567 320,876 294,999 231,981 181,487 119,565 2,745,246 291,959 343,280 383,176 389,902 344,343 229,684 219,784 147,840 3 2,764,748 264,079 322,739 361,031 396,757 343,330 228,366 243,563 178,163 3	· ·				0116040	0006015	20,000	106017	4046777	177677	2739120
1,652,277 225,765 254,301 261,834 274,305 226,272 158,807 105,557 63,058 2,355,147 241,359 391,177 428,150 391,338 321,677 227,013 147,075 92,730 1 2,310,795 188,538 297,110 375,923 373,407 359,407 268,768 161,826 120,836 1 2,292,263 245,183 291,913 337,567 320,876 294,999 231,981 181,487 119,565 2 2,745,246 291,959 343,280 383,176 389,902 344,343 290,684 219,784 147,840 3 2,764,748 264,079 322,739 361,031 396,757 343,330 298,366 243,563 178,163 3					LIVE TI	MBER ^b (in tho	usand cubic f	eet)			
1,652,277 225,765 254,301 261,834 274,305 226,272 158,807 105,557 63,058 2,355,147 241,359 391,177 428,150 391,338 321,677 227,013 147,075 92,730 1 23,310,795 188,538 297,110 375,923 373,407 268,768 161,826 120,836 1 2,292,263 245,183 291,913 337,567 320,876 294,999 231,981 181,487 119,565 2,745,246 291,959 343,280 383,176 389,902 344,343 229,684 219,784 147,840 3 2,764,748 264,079 322,739 361,031 396,757 343,330 228,366 243,563 178,163 3 3	Softwood	1									
2,330,795 188,538 297,110 375,923 373,407 258,768 161,826 120,836 2,292,263 245,183 291,913 337,567 320,876 294,999 231,981 181,487 119,565 2,745,246 291,959 343,280 383,176 389,902 344,343 290,684 219,784 147,840 2,764,748 264,079 322,739 361,031 396,757 343,330 298,366 243,563 178,163	1908	1,652,2//	225,765	254,301	261,834	274,305	226,272	158,807	105,557	63,058	82,378
2,310,795 188,538 297,110 375,923 373,407 359,407 268,768 161,826 120,836	1970	7,500,14/	666,147	391,111	478,100	391,338	321,6//	22/,013	147,075	92,/30	114,628
2,292,263 245,183 291,913 337,567 320,876 294,999 231,981 181,487 119,565 2745,246 291,959 343,280 383,176 389,902 344,343 290,684 219,784 147,840 2,764,748 264,079 322,739 361,031 396,757 343,330 298,366 243,563 178,163	1987	2,310,795	188,538	297,110	375,923	373,407	359,407	268,768	161,826	120,836	164,980
2,292,263 245,183 291,913 337,567 320,876 294,999 231,981 181,487 119,565 27,745,246 291,959 343,280 383,176 389,902 344,343 290,684 219,784 147,840 2,764,748 264,079 322,739 361,031 396,757 343,330 298,366 243,563 178,163	Hardwood										
2,745,246 291,959 343,280 383,176 389,902 344,343 290,684 219,784 147,840 2,764,748 264,079 322,739 361,031 396,757 343,330 298,366 243,563 178,163	1968	2,292,263	245,183	291,913	337,567	320,876	294,999	231,981	181,487	119,565	268,692
2,764,748 264,079 322,739 361,031 396,757 343,330 298,366 243,563 178,163	1978	2,745,246	291,959	343,280	383,176	389,902	344,343	290,684	219,784	147,840	334,278
	1987	2,764,748	264,079	322,739	361,031	396,757	343,330	298,366	243,563	178,163	356,720

^aTo provide a basis for valid comparisons, adjustments have been made to allow for differences in volume tables and sawtimber specifications used in previous surveys.

^bMerchantable volume.